# TASK 210:
# SUBSURFACE SITE INVESTIGATION

**New Britain-Hartford Busway Project**
**Newington Junction Station**
**144 – 148, 150, & 160 Willard Avenue**
**Newington, Connecticut**

**Volume 2 of 3**

ConnDOT Assignment No. 202-3153
ConnDOT Project No. 171-305

Prepared for:

State of Connecticut
Department of Transportation
Newington, Connecticut 06131

Prepared by:

Maguire Group Inc.
One Court Street
New Britain, Connecticut 06051

January 11, 2007

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# APPENDIX D
# Geoprobe Boring Soil Sample Laboratory Reports

Report Date:
01-Dec-06 15:45

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

**SPECTRUM ANALYTICAL, INC.**
*Featuring*
**HANIBAL TECHNOLOGY**

# *Laboratory Report*

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: Busway Newington Junction - CT
Project 171-305

| Laboratory ID | Client Sample ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| SA54611-01 | NJ-1 0'-2' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-02 | NJ-2 0'-2' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-03 | NJ-3 1'-3' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-04 | NJ-4 2'-4' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-05 | NJ-5 2'-4' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-06 | NJ-6 0'-2' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-07 | NJ-7 4'-8' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-08 | NJ-12 0'-2' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-09 | NJ-20 2'-4' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-10 | NJ-30 2'-4' | Soil | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-11 | NJ-4 GW | Ground Water | 21-Nov-06 00:00 | 22-Nov-06 14:51 |
| SA54611-12 | TB-3 | Blank Water | 21-Nov-06 00:00 | 22-Nov-06 14:51 |

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 106 pages of analytical data plus Chain of Custody document(s).
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New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

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Report Date:
01-Dec-06 14:47

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

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# *Laboratory Report*

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: Busway Newington Junction - CT
Project 171-305

| Laboratory ID | Client Sample ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| SA54543-01 | NJ-8 2'-4' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-02 | NJ-8 4'-8' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-03 | NJ-9 2'-4' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-04 | NJ-9 4'-8' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-05 | NJ-10 2'-4' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-06 | NJ-21 4'-8' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-07 | NJ-23 2'-4' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-08 | NJ-25 2'-4' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-09 | NJ-26 0'-2' | Soil | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-10 | NJ-9 GW | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-11 | MW-4 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-12 | MW-5 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-13 | FB-1 | Blank Water | 20-Nov-06 00:00 | 21-Nov-06 14:35 |
| SA54543-14 | TB-2 | Blank Water | 20-Nov-06 00:00 | 21-Nov-06 14:35 |

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
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Rhode Island # 98
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Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

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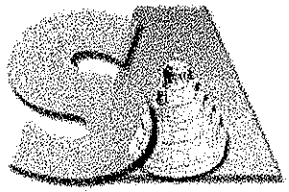
Report Date:
07-Dec-06 16:07



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## *Laboratory Report*

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: Busway Newington Junction - CT
Project 171-305

| Laboratory ID | Client Sample ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| SA54993-01 | NJ-11 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-02 | NJ-13 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-03 | NJ-14 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-04 | NJ-15 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-05 | NJ-16 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-06 | NJ-16 4'-8' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-07 | NJ-17 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-08 | NJ-18 1'-3' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-09 | NJ-19 0'-2' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-10 | NJ-22 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-11 | NJ-24 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-12 | NJ-24 4'-8' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-13 | NJ-27 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-14 | NJ-27 4'-8' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-15 | NJ-28 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-16 | NJ-29 4'-8' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-17 | NJ-31 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-18 | NJ-32 0'-2' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-19 | NJ-33 2'-4' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-20 | NJ-33 4'-8' | Soil | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-21 | FB-2 | Blank Water | 03-Dec-06 00:00 | 04-Dec-06 16:30 |
| SA54993-22 | TB-4 | Blank Water | 03-Dec-06 00:00 | 04-Dec-06 16:30 |

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| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-1 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.5 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 130 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 64.8 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 32.4 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 64.8 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 64.8 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 64.8 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-1 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.5 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 64.8 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.5 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 64.8 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 130 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *96.8* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *91.0* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *116* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *109* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 19.8 | 1 | +CT ETPH | 28-Nov-06 | 29-Nov-06 | 6111825 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| | Unidentified | 65.7 | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 65.7 | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 65.7 | | mg/kg dry | 19.8 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *93.5* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-1 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 5.71 | 1 | SW846 8081A | 28-Nov-06 | 30-Nov-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 28.6 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 28.6 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 5.71 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *47.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *92.1* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 11.4 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 11.4 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 11.4 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 11.4 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 11.4 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 11.4 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 11.4 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 11.4 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 11.4 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *35.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *55.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 491 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | 826 | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-1 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | 821 | | µg/kg dry | 491 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 50-32-8 | Benzo (a) pyrene | 876 | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | 828 | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | 656 | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | 1,040 | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 2,360 | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-1 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 491 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1960 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1960 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | 1,620 | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | 1,830 | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 491 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *91.3* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *76.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *91.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *59.1* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *94.4* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *80.0* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0345 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.07 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 2.84 | | mg/kg dry | 1.60 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 60.0 | | mg/kg dry | 0.534 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.523 | | mg/kg dry | 0.267 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 16.0 | | mg/kg dry | 0.534 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 47.6 | | mg/kg dry | 0.800 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.60 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0170 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 86.7 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-2 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 5.8 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 116 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 11.6 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 58.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 29.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 11.6 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 11.6 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 11.6 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12 | BRL | | µg/kg dry | 11.6 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 58.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 58.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 58.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-2 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 5.8 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 11.6 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 58.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 5.8 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 58.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 116 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *104* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *98.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *120* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *108* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 21.4 | 1 | +CT ETPH | 28-Nov-06 | 29-Nov-06 | 6111825 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 21.4 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *83.2* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-2 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 5.60 | 1 | SW846 8081A | 28-Nov-06 | 30-Nov-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 28.0 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 28.0 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 5.60 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *31.3* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *60.5* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 11.2 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 11.2 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 11.2 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 11.2 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 11.2 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 11.2 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 11.2 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 11.2 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 11.2 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *60.0* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 530 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-2 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 530 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-2 0'-2'** SA54611-02 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 530 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2120 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2120 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 530 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *93.3* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *76.8* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *90.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *75.1* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *95.7* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *81.5* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0329 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.09 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/kg dry | 1.64 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 15.4 | | mg/kg dry | 0.546 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 2.84 | | mg/kg dry | 0.273 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 3.61 | | mg/kg dry | 0.546 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 41.1 | | mg/kg dry | 0.819 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.64 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | 0.0607 | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0129 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 90.6 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-3 1'-3'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 8.0 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 160 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 16.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 80.1 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 40.1 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 16.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 16.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 16.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12 | BRL | | µg/kg dry | 16.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 80.1 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 80.1 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 80.1 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-3 1'-3'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 8.0 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 16.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 80.1 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 8.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 80.1 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 160 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *104* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *93.6* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *118* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *112* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 23.7 | 1 | +CT ETPH | 28-Nov-06 | 29-Nov-06 | 6111825 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| | Unidentified | 58.4 | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 58.4 | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 58.4 | | mg/kg dry | 23.7 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *93.0* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-3 1'-3'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.29 | 1 | SW846 8081A | 28-Nov-06 | 30-Nov-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 31.5 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.5 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *94.4* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *109* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.6 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *44.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *80.2* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 589 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-3 1'-3'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | 603 | | µg/kg dry | 589 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 50-32-8 | Benzo (a) pyrene | 725 | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | 775 | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | 795 | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 1,470 | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-3 1'-3'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 589 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2360 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2360 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | 1,150 | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 589 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *90.9* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *76.1* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *89.9* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *59.3* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *94.3* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *79.7* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0361 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.15 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 3.20 | | mg/kg dry | 1.73 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 107 | | mg/kg dry | 0.577 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.819 | | mg/kg dry | 0.289 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 22.2 | | mg/kg dry | 0.577 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 142 | | mg/kg dry | 0.866 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.73 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0230 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0066 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 82.3 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 2'-4'**<br>SA54611-04 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.6 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 151 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 75.5 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 37.8 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 75.5 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 75.5 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 75.5 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 2'-4'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.6 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 75.5 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.6 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 75.5 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 151 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *104* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *100* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *120* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *111* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 23.3 | 1 | +CT ETPH | 28-Nov-06 | 29-Nov-06 | 6111825 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Unidentified | 49.4 | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 49.4 | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 49.4 | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *80.1* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 2'-4'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.33 | 1 | SW846 8081A | 28-Nov-06 | 30-Nov-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 31.6 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.6 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.33 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *62.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *89.7* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.7 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *45.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *84.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 578 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 2'-4'** SA54611-04 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 578 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 2'-4'** SA54611-04 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 578 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2310 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2310 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 578 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *93.0* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *70.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *89.7* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *49.7* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *91.6* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *82.5* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.111 | | mg/kg dry | 0.0373 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.23 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 3.05 | | mg/kg dry | 1.84 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 89.8 | | mg/kg dry | 0.615 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.559 | | mg/kg dry | 0.307 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 16.9 | | mg/kg dry | 0.615 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 57.9 | | mg/kg dry | 0.922 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.84 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0225 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 79.5 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-5 2'-4'** SA54611-05 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.4 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 128 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 63.8 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 31.9 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 63.8 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 63.8 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 63.8 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-5 2'-4'** SA54611-05 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.4 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 63.8 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 63.8 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 128 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *104* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *90.8* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *114* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *115* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 20.6 | 1 | +CT ETPH | 28-Nov-06 | 29-Nov-06 | 6111825 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| | Unidentified | 207 | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 207 | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 207 | | mg/kg dry | 20.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *328* | S02 | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-5 2'-4'** SA54611-05 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 5.86 | 1 | SW846 8081A | 28-Nov-06 | 30-Nov-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 29.3 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | 11.2 | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 29.3 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 5.86 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *76.6* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *114* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 11.8 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *60.2* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 511 | 2 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 120-12-7 | Anthracene | 999 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-5 2'-4'**<br>SA54611-05 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | 2,230 | | µg/kg dry | 511 | 2 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 50-32-8 | Benzo (a) pyrene | 2,820 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | 2,420 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | 1,180 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | 3,450 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 218-01-9 | Chrysene | 3,590 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 6,220 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 1,210 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-5 2'-4'** SA54611-05 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 511 | 2 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2040 | 2 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2040 | 2 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | 2,750 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 129-00-0 | Pyrene | 5,910 | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 511 | 2 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *91.3* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *87.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *80.4* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *84.7* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *95.7* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *80.0* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0345 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.17 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 2.29 | | mg/kg dry | 1.76 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 59.9 | | mg/kg dry | 0.586 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.645 | | mg/kg dry | 0.293 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 16.3 | | mg/kg dry | 0.586 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 74.1 | | mg/kg dry | 0.879 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.76 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0172 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | 0.0110 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 84.2 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-6 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-06 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 141 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 70.5 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.3 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 70.5 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 70.5 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 70.5 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-6 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-06 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 70.5 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 70.5 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 141 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *97.2* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *99.8* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *123* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *111* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 44.2 | 2 | +CT ETPH | 28-Nov-06 | 29-Nov-06 | 6111825 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| | Unidentified | 172 | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 172 | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 172 | | mg/kg dry | 44.2 | 2 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *135* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-6 0'-2'**<br>SA54611-06 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.25 | 1 | SW846 8081A | 28-Nov-06 | 30-Nov-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 31.2 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | 6.64 | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.2 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.25 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *61.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *84.8* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.5 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *50.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *100* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 548 | 2 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-6 0'-2'**<br>SA54611-06 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | 788 | | µg/kg dry | 548 | 2 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 50-32-8 | Benzo (a) pyrene | 926 | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | 1,020 | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | 968 | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 218-01-9 | Chrysene | 966 | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 2,370 | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-6 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-06 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 548 | 2 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2190 | 2 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2190 | 2 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | 1,060 | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 129-00-0 | Pyrene | 2,020 | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 548 | 2 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *92.2* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *83.6* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *87.0* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *81.6* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *91.0* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *82.9* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0798 | | mg/kg dry | 0.0354 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.13 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 2.42 | | mg/kg dry | 1.69 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 66.2 | | mg/kg dry | 0.563 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.676 | | mg/kg dry | 0.281 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 16.6 | | mg/kg dry | 0.563 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 97.2 | | mg/kg dry | 0.844 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.69 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0182 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 83.4 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-7 4'-8'**<br>SA54611-07 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | BRL | | µg/kg dry | 6.9 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 139 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 34.6 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-7 4'-8'** SA54611-07 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.9 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 139 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *113* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *93.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *111* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *112* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 17.0 | 1 | +CT ETPH | 28-Nov-06 | 29-Nov-06 | 6111825 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 17.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *61.5* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-7 4'-8'** SA54611-07 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.07 | 1 | SW846 8081A | 28-Nov-06 | 30-Nov-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 30.3 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 30.3 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.07 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *82.6* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *107* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.4 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.4 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.4 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.4 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.4 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.4 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.4 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.4 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.4 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *65.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *106* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 422 | 1 | SW846 8270C | 28-Nov-06 | 29-Nov-06 | 6111826 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-7 4'-8'** SA54611-07 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 422 | 1 | SW846 8270C | 28-Nov-06 | 29-Nov-06 | 6111826 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-7 4'-8'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-07 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 422 | 1 | SW846 8270C | 28-Nov-06 | 29-Nov-06 | 6111826 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1690 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1690 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 422 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *89.2* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *83.6* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *83.6* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *83.8* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *100* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *58.0* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0354 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.16 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 3.06 | | mg/kg dry | 1.75 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 174 | | mg/kg dry | 0.582 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.559 | | mg/kg dry | 0.291 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 34.2 | | mg/kg dry | 0.582 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 13.4 | | mg/kg dry | 0.873 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.75 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0552 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0070 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 83.6 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 142 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 70.9 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.4 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 70.9 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 70.9 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 70.9 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 70.9 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 70.9 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 142 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *112* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *94.6* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *112* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *115* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 20.4 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 20.4 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *111* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.09 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 30.4 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 30.4 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.09 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *35.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *50.6* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.2 | 1 | SW846 8082 | 27-Nov-06 | 29-Nov-06 | 6111740 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *79.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 253 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 253 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 2'-4'** SA54543-01 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 253 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1010 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1010 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 253 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *67.5* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *57.3* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *58.4* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *68.2* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *69.8* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *77.6* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0362 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 4.27 | | mg/kg dry | 1.18 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/kg dry | 1.77 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 38.2 | | mg/kg dry | 0.589 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.483 | | mg/kg dry | 0.295 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 15.1 | | mg/kg dry | 0.589 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 13.5 | | mg/kg dry | 0.884 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.77 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0176 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 82.5 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 4'-8'** SA54543-02 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.8 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 156 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 15.6 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 78.2 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 39.1 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 15.6 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 15.6 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 15.6 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 15.6 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 78.2 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 78.2 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 78.2 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.8 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 15.6 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 78.2 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.8 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 78.2 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 156 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *98.4* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *99.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *114* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *109* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 24.1 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 24.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *82.8* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 7.49 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 37.5 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 7.00 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 37.5 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 7.49 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *48.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *94.7* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 15.0 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111734 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *70.0* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 300 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 300 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-8 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 300 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1200 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1200 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 300 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *53.8* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *63.0* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *54.5* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *57.1* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *68.0* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *80.5* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0925 | | mg/kg dry | 0.0368 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 2.84 | | mg/kg dry | 1.24 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | 2.59 | | mg/kg dry | 1.85 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 87.0 | | mg/kg dry | 0.618 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.550 | | mg/kg dry | 0.309 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 20.5 | | mg/kg dry | 0.618 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 40.0 | | mg/kg dry | 0.927 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.85 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0375 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 79.9 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | BRL | | µg/kg dry | 7.7 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 153 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 76.6 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 38.3 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 76.6 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 76.6 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 76.6 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.7 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 76.6 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.7 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 76.6 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 153 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *106* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *95.2* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *130* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *117* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 25.0 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *99.0* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

***This laboratory report is not valid without an authorized signature on the cover page.***

* Reportable Detection Limit  BRL = Below Reporting Limit

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.52 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 32.6 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 32.6 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.52 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *43.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *77.7* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.0 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111734 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *85.4* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 310 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 2'-4'** SA54543-03 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 310 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 310 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1240 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1240 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *57.2* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *64.9* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *55.3* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *62.0* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *65.2* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *71.6* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.160 | | mg/kg dry | 0.0382 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 3.75 | | mg/kg dry | 1.26 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | 2.40 | | mg/kg dry | 1.89 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 78.9 | | mg/kg dry | 0.629 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.710 | | mg/kg dry | 0.314 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 18.5 | | mg/kg dry | 0.629 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 77.0 | | mg/kg dry | 0.943 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.89 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0185 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | 0.0076 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 78.0 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 4'-8'** SA54543-04 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.5 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 151 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 75.3 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 37.7 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 75.3 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 75.3 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 75.3 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.5 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 15.1 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 75.3 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 75.3 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 151 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *104* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *102* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *113* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *110* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 25.0 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 25.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *94.2* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.53 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 32.7 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 32.7 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.53 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *48.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *105* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.1 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111734 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *44.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *64.7* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 310 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 310 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 4'-8'** SA54543-04 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 310 | 1 | SW846 8270C | 22-Nov-06 | 27-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1240 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1240 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 310 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *63.6* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *57.8* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *53.4* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *60.4* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *65.2* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *74.8* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0370 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 6.01 | | mg/kg dry | 1.25 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | 2.12 | | mg/kg dry | 1.87 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 131 | | mg/kg dry | 0.624 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.674 | | mg/kg dry | 0.312 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 29.6 | | mg/kg dry | 0.624 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 28.3 | | mg/kg dry | 0.936 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | 1.96 | | mg/kg dry | 1.87 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0715 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0112 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | 0.0078 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 80.1 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-10 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-05 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.8 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 137 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 68.4 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 34.2 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 68.4 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 68.4 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 68.4 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-10 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-05 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.8 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 68.4 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.8 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 68.4 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 137 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *106* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *91.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *121* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *116* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 23.0 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| | Unidentified | 66.3 | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 66.3 | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 66.3 | | mg/kg dry | 23.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *134* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-10 2'-4'** SA54543-05 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 7.13 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 35.7 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 7.00 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 35.7 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 7.13 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *44.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *68.3* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 14.3 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111734 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *39.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *59.8* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 285 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-10 2'-4'** SA54543-05 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | 481 | | µg/kg dry | 285 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | 544 | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | 604 | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | 503 | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | 568 | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 1,270 | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-10 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-05 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 285 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1140 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1140 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | 623 | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | 1,080 | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 285 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *62.2* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *52.1* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *53.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *52.8* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *66.7* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *79.9* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0888 | | mg/kg dry | 0.0351 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 4.75 | | mg/kg dry | 1.19 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | 4.26 | | mg/kg dry | 1.78 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 83.5 | | mg/kg dry | 0.594 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 1.00 | | mg/kg dry | 0.297 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 18.9 | | mg/kg dry | 0.594 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 92.2 | | mg/kg dry | 0.890 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.78 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0214 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 83.8 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-11 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.4 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 149 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.9 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 74.3 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 37.1 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.9 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.9 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.9 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.9 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 74.3 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 74.3 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 74.3 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-11 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.4 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.9 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 74.3 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 74.3 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 149 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *107* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *95.6* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *121* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *111* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 19.2 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 19.2 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *75.4* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-11 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.29 | 1 | SW846 8081A | 05-Dec-06 | 06-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 31.4 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.4 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *30.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *75.7* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.6 | 1 | SW846 8082 | 05-Dec-06 | 05-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *50.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *80.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 475 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-11 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 475 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 238 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-11 2'-4'** SA54993-01 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 475 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1900 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1900 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 475 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *97.1* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *96.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *97.3* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *99.0* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *111* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *90.8* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0607 | | mg/kg dry | 0.0357 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.18 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 3.71 | | mg/kg dry | 1.76 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 110 | | mg/kg dry | 0.588 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.294 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 18.6 | | mg/kg dry | 0.588 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 39.7 | | mg/kg dry | 0.882 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.76 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0132 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 81.8 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120334 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-12 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.2 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 143 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 71.6 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.8 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 71.6 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 71.6 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 71.6 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-12 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.2 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 71.6 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 71.6 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 143 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *97.0* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *99.8* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *113* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *111* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 22.6 | 1 | +CT ETPH | 28-Nov-06 | 29-Nov-06 | 6111825 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 22.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *71.4* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-12 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.61 | 1 | SW846 8081A | 28-Nov-06 | 01-Dec-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 33.1 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 33.1 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.61 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *75.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *128* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.0 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *55.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *95.4* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 561 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-12 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 561 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-12 0'-2'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 561 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111826 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2240 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2240 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 561 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *90.3* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *78.8* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *88.2* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *81.8* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *102* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *84.5* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0893 | | mg/kg dry | 0.0377 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.19 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 2.79 | | mg/kg dry | 1.78 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 71.5 | | mg/kg dry | 0.594 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.421 | | mg/kg dry | 0.297 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 15.3 | | mg/kg dry | 0.594 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 56.0 | | mg/kg dry | 0.890 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.78 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0092 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 79.2 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-13 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 141 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 70.6 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.3 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 70.6 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 70.6 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 70.6 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-13 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.1 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 70.6 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 70.6 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 141 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *100* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *99.6* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *114* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *103* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 18.9 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *79.3* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-13 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.44 | 1 | SW846 8081A | 05-Dec-06 | 06-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 32.2 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 32.2 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.44 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *50.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *86.0* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.9 | 1 | SW846 8082 | 05-Dec-06 | 05-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *44.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *54.8* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 470 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-13 2'-4'** SA54993-02 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 470 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 235 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-13 2'-4'** SA54993-02 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 470 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1880 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1880 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 470 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *96.8* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *88.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *95.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *94.5* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *112* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *90.1* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0367 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.22 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 4.83 | | mg/kg dry | 1.83 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 81.2 | | mg/kg dry | 0.611 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.305 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 23.9 | | mg/kg dry | 0.611 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 11.2 | | mg/kg dry | 0.916 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.83 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0585 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0116 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | 0.0076 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 80.9 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120334 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-14 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.5 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 150 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 74.9 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 37.4 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 74.9 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 74.9 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 74.9 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-14 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.5 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 15.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 74.9 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.5 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 74.9 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 150 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *99.8* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *93.6* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *114* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *110* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 20.7 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 20.7 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *88.4* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-14 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.23 | 1 | SW846 8081A | 05-Dec-06 | 06-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 31.2 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.2 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.23 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *42.3* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *96.8* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.5 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *50.2* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 513 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-14 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 513 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 256 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-14 2'-4'** SA54993-03 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 513 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2050 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2050 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 513 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *96.9* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *94.6* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *96.5* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *92.9* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *119* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *91.3* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0560 | | mg/kg dry | 0.0371 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.17 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 4.05 | | mg/kg dry | 1.76 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 89.0 | | mg/kg dry | 0.587 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.428 | | mg/kg dry | 0.293 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 16.6 | | mg/kg dry | 0.587 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 18.2 | | mg/kg dry | 0.880 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.76 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0308 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 80.8 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120334 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-15 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.4 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 128 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 64.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 32.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 64.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 64.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 64.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-15 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.4 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 64.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 64.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 128 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *109* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *102* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *119* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *111* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 18.6 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 18.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *109* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-15 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.16 | 1 | SW846 8081A | 05-Dec-06 | 06-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 30.8 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 30.8 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.16 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *62.6* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *104* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.3 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *60.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 462 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-15 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 462 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 231 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-15 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-04 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 462 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1850 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1850 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 462 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *98.3* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *94.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *94.0* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *97.0* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *112* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *97.4* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0358 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.13 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 6.21 | | mg/kg dry | 1.69 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 118 | | mg/kg dry | 0.563 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.282 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 24.2 | | mg/kg dry | 0.563 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 14.7 | | mg/kg dry | 0.845 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.69 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0196 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 82.3 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120334 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 2'-4'** SA54993-05 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.7 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 135 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 67.4 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 33.7 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | 12.1 | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 67.4 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 67.4 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 67.4 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-05 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.7 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 67.4 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 67.4 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 135 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *112* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *97.6* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *114* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *105* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 18.7 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 18.7 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *96.2* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 2'-4'** SA54993-05 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.00 | 1 | SW846 8081A | 05-Dec-06 | 06-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 30.0 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 30.0 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.00 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *46.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *97.5* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.0 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.0 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.0 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.0 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.0 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.0 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.0 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.0 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *44.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *59.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 463 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 2'-4'** SA54993-05 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 463 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 231 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 2'-4'** SA54993-05 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 463 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1850 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1850 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 463 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *106* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *95.3* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *95.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *98.1* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *118* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *87.2* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0361 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.17 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 6.41 | | mg/kg dry | 1.75 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 132 | | mg/kg dry | 0.583 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.292 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 25.7 | | mg/kg dry | 0.583 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 14.3 | | mg/kg dry | 0.875 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.75 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0286 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 82.4 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120365 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-06 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.2 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 143 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 71.7 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.9 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | 44.0 | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | 15.2 | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 71.7 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | 10.2 | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 71.7 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 71.7 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 4'-8'** SA54993-06 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.2 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 71.7 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 71.7 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 143 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *108* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *103* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *120* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *111* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 23.9 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | Calculated as | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| | Unidentified | 196 | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 196 | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 196 | | mg/kg dry | 23.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *131* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-06 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.57 | 1 | SW846 8081A | 05-Dec-06 | 06-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 32.8 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 32.8 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.57 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *57.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *115* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.1 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *55.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *75.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 593 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 4'-8'** SA54993-06 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 593 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 296 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-16 4'-8'** SA54993-06 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 593 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2370 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2370 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 593 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *93.3* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *92.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *57.8* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *82.0* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *116* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *96.7* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0370 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.20 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 5.55 | | mg/kg dry | 1.80 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 136 | | mg/kg dry | 0.600 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.300 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 24.5 | | mg/kg dry | 0.600 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 11.4 | | mg/kg dry | 0.899 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.80 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0643 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0089 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 80.2 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120365 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-17 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-07 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 142 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 71.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.5 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 71.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 71.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 71.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-17 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-07 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 71.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 71.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 142 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *112* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *94.2* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *105* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *107* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 21.1 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 21.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *99.6* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-17 2'-4'** SA54993-07 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.70 | 1 | SW846 8081A | 05-Dec-06 | 06-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 33.5 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 33.5 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *50.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *110* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.4 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *44.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *64.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 523 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-17 2'-4'** SA54993-07 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 523 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 262 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 596 | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-17 2'-4'** SA54993-07 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 523 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2090 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2090 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 523 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *102* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *96.6* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *97.9* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *102* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *117* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *99.1* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0363 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.15 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 5.87 | | mg/kg dry | 1.73 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 168 | | mg/kg dry | 0.575 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.288 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 24.4 | | mg/kg dry | 0.575 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 13.0 | | mg/kg dry | 0.863 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.73 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0445 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0061 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 81.2 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120365 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-18 1'-3'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.4 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 127 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 63.6 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 31.8 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 63.6 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 63.6 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 63.6 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-18 1'-3'** SA54993-08 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.4 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 63.6 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 63.6 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 127 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *96.0* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *98.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *118* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *113* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 22.1 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | Calculated as | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| | Unidentified | 133 | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 133 | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 133 | | mg/kg dry | 22.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *156* | S02 | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-18 1'-3'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.70 | 1 | SW846 8081A | 05-Dec-06 | 06-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 33.5 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 33.5 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.70 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *33.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *114* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.4 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | 34.8 | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | 48.9 | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *34.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *44.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 443 | 2 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-18 1'-3'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | 699 | | µg/kg dry | 443 | 2 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | 826 | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | 907 | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | 957 | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | 1,200 | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 218-01-9 | Chrysene | 843 | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 221 | 2 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 1,740 | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-18 1'-3'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 443 | 2 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1770 | 2 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1770 | 2 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 129-00-0 | Pyrene | 1,560 | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 443 | 2 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *102* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *92.4* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *81.7* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *101* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *109* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *98.9* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.242 | | mg/kg dry | 0.0349 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 1.94 | | mg/kg dry | 1.14 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 7.42 | | mg/kg dry | 1.71 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 45.2 | | mg/kg dry | 0.570 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 3.18 | | mg/kg dry | 0.285 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 53.2 | | mg/kg dry | 0.570 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 92.4 | | mg/kg dry | 0.855 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.71 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0125 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | 0.0090 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 85.8 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120365 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-19 0'-2'** SA54993-09 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 8.7 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 173 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 17.3 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 86.7 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 43.4 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 17.3 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 17.3 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 17.3 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 17.3 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 86.7 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 86.7 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 86.7 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-19 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 8.7 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 17.3 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 86.7 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 8.7 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 86.7 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 173 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *112* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *93.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *121* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *109* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 49.6 | 2 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120230 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| M09800000 | Motor Oil | Calculated as | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| | Unidentified | 104 | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 104 | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 104 | | mg/kg dry | 49.6 | 2 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *69.5* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-19 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 7.64 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 38.2 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 38.2 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 7.64 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *50.4* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *84.3* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 15.3 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 15.3 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *39.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *69.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 615 | 2 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-19 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-09 | | | | |

| *CAS No.* | *Analyte(s)* | *Result* | *Flag* | *Units* | **RDL* | *Dilution* | *Method Ref.* | *Prepared* | *Analyzed* | *Batch* | *Analyst* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 615 | 2 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 308 | 2 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-19 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 615 | 2 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2460 | 2 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2460 | 2 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 129-00-0 | Pyrene | 624 | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 615 | 2 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *106* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *94.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *85.0* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *95.3* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *118* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *87.6* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.199 | | mg/kg dry | 0.0399 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.30 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 4.74 | | mg/kg dry | 1.96 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 64.0 | | mg/kg dry | 0.652 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 1.04 | | mg/kg dry | 0.326 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 21.7 | | mg/kg dry | 0.652 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 100 | | mg/kg dry | 0.978 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.96 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0106 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 73.8 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120365 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-20 2'-4'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | BRL | | µg/kg dry | 6.7 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 134 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 67.2 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 33.6 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 67.2 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 67.2 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 67.2 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-20 2'-4'** SA54611-09 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.7 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.4 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 67.2 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 67.2 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 134 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *105* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *93.2* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *125* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *116* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 22.7 | 1 | +CT ETPH | 28-Nov-06 | 30-Nov-06 | 6111827 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| | Unidentified | 183 | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 183 | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 183 | | mg/kg dry | 22.7 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *295* | S02 | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-20 2'-4'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.13 | 1 | SW846 8081A | 28-Nov-06 | 01-Dec-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 30.6 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 30.6 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *96.7* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.3 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.3 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *60.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *110* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 563 | 1 | SW846 8270C | 28-Nov-06 | 28-Nov-06 | 6111828 | M.B |
| 208-96-8 | Acenaphthylene | 771 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | 792 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-20 2'-4'** SA54611-09 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | 1,610 | | µg/kg dry | 563 | 1 | SW846 8270C | 28-Nov-06 | 28-Nov-06 | 6111828 | M.B |
| 50-32-8 | Benzo (a) pyrene | 1,750 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | 1,290 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | 719 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | 1,180 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | 1,830 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 3,080 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | 654 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-20 2'-4'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 563 | 1 | SW846 8270C | 28-Nov-06 | 28-Nov-06 | 6111828 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2250 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2250 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | 2,070 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | 3,470 | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 563 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *91.9* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *79.1* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *65.9* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *62.0* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *83.5* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *111* | SGC | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0836 | | mg/kg dry | 0.0351 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.16 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 3.59 | | mg/kg dry | 1.74 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 96.1 | | mg/kg dry | 0.580 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.714 | | mg/kg dry | 0.290 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 22.8 | | mg/kg dry | 0.580 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 62.0 | | mg/kg dry | 0.870 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.74 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0193 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 85.4 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-21 4'-8'** SA54543-06 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.9 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 139 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | 14.9 | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 34.7 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-21 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-06 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.9 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 69.3 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 139 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *107* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *103* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *125* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *113* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 23.3 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | Calculated as | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Unidentified | 273 | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 273 | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 273 | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *146* | S02 | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-21 4'-8'** SA54543-06 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.40 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 32.0 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 32.0 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.40 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *50.3* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *76.6* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.8 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111734 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *79.7* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 290 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-21 4'-8'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-06 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 290 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-21 4'-8'** SA54543-06 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 290 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1160 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1160 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 290 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *63.4* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *46.6* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *42.8* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *51.7* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *69.2* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *77.7* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0528 | | mg/kg dry | 0.0351 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 7.26 | | mg/kg dry | 1.14 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | 1.91 | | mg/kg dry | 1.71 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 261 | | mg/kg dry | 0.571 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.726 | | mg/kg dry | 0.286 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 23.6 | | mg/kg dry | 0.571 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 24.7 | | mg/kg dry | 0.857 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.71 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0379 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 83.8 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-22 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-10 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 143 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 71.4 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.7 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 71.4 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 71.4 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 71.4 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-22 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-10 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.3 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 71.4 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 71.4 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 143 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *105* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *101* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *117* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *107* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 19.6 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 19.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *83.7* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-22 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-10 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.34 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 31.7 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.7 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.34 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *57.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *113* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.7 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *64.8* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 488 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-22 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-10 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 488 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 244 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-22 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-10 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 488 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120232 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1950 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1950 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 488 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *103* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *97.6* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *99.6* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *98.2* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *117* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *107* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0367 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.16 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 6.07 | | mg/kg dry | 1.74 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 167 | | mg/kg dry | 0.579 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.289 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 28.1 | | mg/kg dry | 0.579 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 12.9 | | mg/kg dry | 0.868 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.74 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0862 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0108 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 81.1 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-23 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-07 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.2 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 144 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.4 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 72.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 36.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.4 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.4 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.4 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.4 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 72.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 72.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 72.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-23 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-07 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.2 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.4 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 72.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.2 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 72.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 144 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *105* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *92.8* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *130* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *115* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 22.8 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 22.8 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *111* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-23 2'-4'** SA54543-07 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.27 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 31.4 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | 84.4 | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | 521 | | µg/kg dry | 31.4 | 5 | " | " | 30-Nov-06 | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.27 | 1 | " | " | 29-Nov-06 | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.4 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.27 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *42.7* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *84.0* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.5 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111734 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.5 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *35.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *55.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 283 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-23 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-07 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 283 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-23 2'-4'** SA54543-07 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 283 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1130 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1130 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 283 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *68.2* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *60.1* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *56.6* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *57.7* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *75.9* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *75.9* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.168 | | mg/kg dry | 0.0356 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 2.47 | | mg/kg dry | 1.11 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | 3.22 | | mg/kg dry | 1.67 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 86.4 | | mg/kg dry | 0.557 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.774 | | mg/kg dry | 0.278 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 16.7 | | mg/kg dry | 0.557 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 49.3 | | mg/kg dry | 0.835 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | 1.75 | | mg/kg dry | 1.67 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0112 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 83.5 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-11 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.6 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 133 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.3 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 66.4 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 33.2 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.3 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.3 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.3 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.3 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 66.4 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 66.4 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 66.4 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-11 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.6 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.3 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 66.4 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 66.4 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 133 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *110* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *94.0* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *116* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *110* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 18.9 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 18.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *70.5* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 2'-4'** SA54993-11 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.43 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 32.2 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 32.2 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.43 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *50.7* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *86.0* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.9 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *44.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *64.8* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 476 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-11 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 476 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 2'-4'** SA54993-11 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 476 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1900 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1900 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 476 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *97.3* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *86.5* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *70.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *69.6* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *102* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *104* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0354 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.18 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 5.19 | | mg/kg dry | 1.77 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 126 | | mg/kg dry | 0.589 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.294 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 24.1 | | mg/kg dry | 0.589 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 11.7 | | mg/kg dry | 0.883 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.77 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0700 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0078 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 83.1 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-12 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.6 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 131 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 65.7 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 32.9 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 65.7 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 65.7 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 65.7 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 4'-8'** SA54993-12 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.6 | 1 | SW 846 8260B | 05-Dec-06 | 05-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.1 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 65.7 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.6 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 65.7 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 131 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *106* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *104* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *109* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *110* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 19.4 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 19.4 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *68.3* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 4'-8'** SA54993-12 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.79 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 33.9 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 33.9 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.79 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *59.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *101* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.6 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.6 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.6 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.6 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.6 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 13.6 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 13.6 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.6 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *69.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 482 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-12 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 482 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-24 4'-8'** SA54993-12 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 482 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1930 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1930 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 482 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *102* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *91.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *77.8* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *81.9* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *92.6* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *106* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0374 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.25 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 6.31 | | mg/kg dry | 1.88 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 158 | | mg/kg dry | 0.627 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.314 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 28.1 | | mg/kg dry | 0.627 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 12.8 | | mg/kg dry | 0.941 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.88 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0089 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 79.1 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-25 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 142 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 71.2 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.6 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12 | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 71.2 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 71.2 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 71.2 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-25 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.1 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.2 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 71.2 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.1 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 71.2 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 142 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *99.6* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *102* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *120* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *112* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 24.0 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| | Unidentified | 29.0 | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 29.0 | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 29.0 | | mg/kg dry | 24.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *91.7* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-25 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.77 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 33.8 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 33.8 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.77 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *47.3* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *68.1* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.5 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111734 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *60.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 298 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-25 2'-4'** SA54543-08 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 298 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-25 2'-4'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-08 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 298 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1190 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1190 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 298 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *66.1* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *57.8* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *54.2* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *59.8* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *67.8* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *81.7* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.190 | | mg/kg dry | 0.0365 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 3.34 | | mg/kg dry | 1.16 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | 3.44 | | mg/kg dry | 1.73 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 111 | | mg/kg dry | 0.578 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.752 | | mg/kg dry | 0.289 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 36.7 | | mg/kg dry | 0.578 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 55.9 | | mg/kg dry | 0.867 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.73 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0146 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 81.1 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-26 0'-2'** SA54543-09 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 22-Nov-06 | 22-Nov-06 | 6111715 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | BRL | | µg/kg dry | 7.4 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 147 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.7 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 73.6 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 36.8 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.7 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.7 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.7 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.7 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 73.6 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 73.6 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 73.6 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-26 0'-2'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.4 | 1 | SW 846 8260B | 27-Nov-06 | 28-Nov-06 | 6111767 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.7 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 73.6 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.4 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 73.6 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 147 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *105* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *93.8* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *122* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *113* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 23.6 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111679 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| | Unidentified | 48.2 | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 48.2 | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 48.2 | | mg/kg dry | 23.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *90.2* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-26 0'-2'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.37 | 1 | SW846 8081A | 27-Nov-06 | 29-Nov-06 | 6111735 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | 87.8 | | µg/kg dry | 31.8 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | 10.3 | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | 67.0 | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.8 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | 12.8 | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | 6.74 | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.37 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.6* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *127* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.7 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111734 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.7 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *70.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 292 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-26 0'-2'** | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-09 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 292 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-26 0'-2'** SA54543-09 | 171-305 | Soil | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 292 | 1 | SW846 8270C | 22-Nov-06 | 28-Nov-06 | 6111678 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1170 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1170 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 292 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *69.5* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *54.9* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *58.3* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *60.0* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *73.2* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *76.6* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.261 | | mg/kg dry | 0.0366 | 1 | SW846 7471A | 27-Nov-06 | 28-Nov-06 | 6111707 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 4.94 | | mg/kg dry | 1.20 | 1 | EPA 200.7 | 27-Nov-06 | 30-Nov-06 | 6111706 | HB |
| 7440-38-2 | Arsenic | 6.04 | | mg/kg dry | 1.81 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 462 | | mg/kg dry | 0.602 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 3.56 | | mg/kg dry | 0.301 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 34.4 | | mg/kg dry | 0.602 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 622 | | mg/kg dry | 0.903 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.81 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0424 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0136 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | 0.0303 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 81.7 | | % | | 1 | SM2540 G Mod. | 28-Nov-06 | 28-Nov-06 | 6111872 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-13 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.9 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 137 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 68.6 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 34.3 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12 | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 68.6 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 68.6 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 68.6 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-13 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.9 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.7 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 68.6 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.9 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 68.6 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 137 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *104* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *96.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *109* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *111* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 18.2 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 18.2 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *83.8* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-13 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.06 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 30.3 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 30.3 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.06 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *82.5* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *85.1* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.1 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *55.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *60.0* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 453 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-13 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 453 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 2'-4'** SA54993-13 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 453 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1810 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1810 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 453 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *101* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *88.8* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *74.0* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *73.5* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *111* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *116* | SGC | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0363 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.13 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 6.87 | | mg/kg dry | 1.69 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 173 | | mg/kg dry | 0.564 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.282 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 28.5 | | mg/kg dry | 0.564 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 12.8 | | mg/kg dry | 0.846 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.69 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0937 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0100 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 81.8 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-14 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.4 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 128 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 63.9 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 32.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 63.9 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 63.9 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 63.9 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 4'-8'** SA54993-14 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.4 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 63.9 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.4 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 63.9 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 128 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *108* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *100* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *116* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *106* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 16.6 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 16.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *63.5* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-14 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.39 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 32.0 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 32.0 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.39 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *58.4* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *119* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.8 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.8 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *74.8* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 413 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-14 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 413 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-27 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-14 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 413 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1650 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1650 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 413 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *100* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *91.1* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *77.9* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *78.7* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *92.1* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *107* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0343 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.07 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 5.91 | | mg/kg dry | 1.61 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 126 | | mg/kg dry | 0.537 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.269 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 22.0 | | mg/kg dry | 0.537 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 10.8 | | mg/kg dry | 0.806 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.61 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.115 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0128 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | 0.0086 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 86.5 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-28 2'-4'** SA54993-15 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 5.9 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 119 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 11.9 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 59.3 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 29.6 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 11.9 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 11.9 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 11.9 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 11.9 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 59.3 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 59.3 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 59.3 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-28 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-15 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 5.9 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 11.9 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 59.3 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 59.3 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 119 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *108* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *95.2* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *116* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *110* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 16.9 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *65.6* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-28 2'-4'** SA54993-15 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.10 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 30.5 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 30.5 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.10 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *53.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *103* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.2 | 1 | SW846 8082 | 05-Dec-06 | 06-Dec-06 | 6120229 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *64.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 419 | 1 | SW846 8270C | 05-Dec-06 | 05-Dec-06 | 6120233 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-28 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-15 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 419 | 1 | SW846 8270C | 05-Dec-06 | 05-Dec-06 | 6120233 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-28 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-15 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 419 | 1 | SW846 8270C | 05-Dec-06 | 05-Dec-06 | 6120233 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1680 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1680 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *100* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *90.3* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *74.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *72.9* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *98.8* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *107* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0337 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.04 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 7.43 | | mg/kg dry | 1.56 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 113 | | mg/kg dry | 0.521 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/kg dry | 0.261 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 23.0 | | mg/kg dry | 0.521 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 22.4 | | mg/kg dry | 0.782 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.56 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0209 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 88.6 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-29 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-16 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.0 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 121 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 60.3 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 30.1 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 60.3 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 60.3 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 60.3 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-29 4'-8'** SA54993-16 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.0 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 12.1 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 60.3 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 60.3 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 121 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *105* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *102* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *111* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *108* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 16.9 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 16.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *57.5* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-29 4'-8'** SA54993-16 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 5.87 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120228 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 29.4 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 29.4 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 5.87 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *63.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *118* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 11.7 | 1 | SW846 8082 | 06-Dec-06 | 06-Dec-06 | 6120318 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 11.7 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 11.7 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 11.7 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 11.7 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 11.7 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 11.7 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 11.7 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 11.7 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *50.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *70.2* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 419 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-29 4'-8'** SA54993-16 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 419 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-29 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-16 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 419 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1680 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1680 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 419 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *98.3* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *82.7* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *69.5* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *68.3* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *106* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *112* | SGC | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0331 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.09 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 2.06 | | mg/kg dry | 1.63 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 141 | | mg/kg dry | 0.544 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.495 | | mg/kg dry | 0.272 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 16.9 | | mg/kg dry | 0.544 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 10.7 | | mg/kg dry | 0.816 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.63 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0128 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 90.4 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-30 2'-4'** SA54611-10 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 27-Nov-06 | 27-Nov-06 | 6111808 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.3 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 146 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.6 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 73.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 36.5 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.6 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.6 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.6 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12 | BRL | | µg/kg dry | 14.6 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 73.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 73.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 73.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-30 2'-4'** | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-10 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.3 | 1 | SW 846 8260B | 28-Nov-06 | 29-Nov-06 | 6111890 | RLJ |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.6 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 73.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.3 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 73.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 146 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *95.6* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *102* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *117* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *116* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 20.1 | 1 | +CT ETPH | 28-Nov-06 | 30-Nov-06 | 6111827 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 20.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *66.7* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-30 2'-4'** SA54611-10 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.13 | 1 | SW846 8081A | 28-Nov-06 | 01-Dec-06 | 6111829 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 30.6 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 30.6 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.13 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *52.8* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *88.5* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.2 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111830 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.2 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *45.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *85.2* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 500 | 1 | SW846 8270C | 28-Nov-06 | 28-Nov-06 | 6111828 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-30 2'-4'** SA54611-10 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 500 | 1 | SW846 8270C | 28-Nov-06 | 28-Nov-06 | 6111828 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-30 2'-4'** SA54611-10 | 171-305 | Soil | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 500 | 1 | SW846 8270C | 28-Nov-06 | 28-Nov-06 | 6111828 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2000 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2000 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 500 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *95.2* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *82.6* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *71.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *72.9* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *85.3* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *110* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.301 | | mg/kg dry | 0.0359 | 1 | SW846 7471A | 29-Nov-06 | 29-Nov-06 | 6111913 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.16 | 1 | EPA 200.7 | 29-Nov-06 | 30-Nov-06 | 6111912 | LR |
| 7440-38-2 | Arsenic | 9.92 | | mg/kg dry | 1.74 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 142 | | mg/kg dry | 0.580 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.545 | | mg/kg dry | 0.290 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 25.2 | | mg/kg dry | 0.580 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 79.8 | | mg/kg dry | 0.870 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.74 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 28-Nov-06 | 28-Nov-06 | 6111886 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 29-Nov-06 | 30-Nov-06 | 6111953 | HB |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0181 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 30-Nov-06 | 6111954 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 30-Nov-06 | 6111953 | HB |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 81.6 | | % | | 1 | SM2540 G Mod. | 29-Nov-06 | 29-Nov-06 | 6111927 | YM |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-31 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-17 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 5.7 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 113 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 11.3 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 56.7 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 28.3 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 11.3 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 11.3 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 11.3 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 11.3 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 56.7 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 56.7 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 56.7 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-31 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-17 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 5.7 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 11.3 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 56.7 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 5.7 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 56.7 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 113 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *109* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *94.0* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *120* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *110* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 15.9 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 15.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *61.5* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-31 2'-4'** SA54993-17 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 5.49 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120285 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 27.5 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 27.5 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 5.49 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *45.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *97.3* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 11.0 | 1 | SW846 8082 | 06-Dec-06 | 06-Dec-06 | 6120318 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *69.8* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 395 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-31 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-17 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 395 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-31 2'-4'** SA54993-17 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 395 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1580 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1580 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 395 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *97.7* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *89.0* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *66.9* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *70.2* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *107* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *113* | SGC | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0329 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.04 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 2.21 | | mg/kg dry | 1.56 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 119 | | mg/kg dry | 0.519 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.586 | | mg/kg dry | 0.259 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 23.6 | | mg/kg dry | 0.519 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 18.1 | | mg/kg dry | 0.778 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.56 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0676 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 0.0066 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 91.1 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-32 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-18 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 6.7 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 135 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 67.5 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 33.7 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 67.5 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 67.5 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 67.5 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-32 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-18 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 6.7 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 13.5 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 67.5 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 6.7 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 67.5 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 135 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *88.8* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *98.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *128* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *114* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 24.5 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| | Unidentified | 56.2 | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| | Other Oil | Calculated as | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | 56.2 | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | 56.2 | | mg/kg dry | 24.5 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *60.3* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-32 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-18 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.94 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120285 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 34.7 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 34.7 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.94 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *53.6* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *109* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 13.9 | 1 | SW846 8082 | 06-Dec-06 | 06-Dec-06 | 6120318 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 13.9 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *54.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *64.8* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 608 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-32 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-18 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 608 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 50-32-8 | Benzo (a) pyrene | 680 | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | 660 | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | 792 | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | 1,530 | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-32 0'-2'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-18 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 608 | 1 | SW846 8270C | 05-Dec-06 | 06-Dec-06 | 6120233 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2430 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2430 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | 1,040 | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 608 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *100* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *92.2* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *81.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *76.4* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *89.4* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *106* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.0738 | | mg/kg dry | 0.0380 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.21 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 2.77 | | mg/kg dry | 1.81 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 81.6 | | mg/kg dry | 0.603 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.621 | | mg/kg dry | 0.301 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 15.1 | | mg/kg dry | 0.603 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 82.1 | | mg/kg dry | 0.904 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.81 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0258 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | 0.0116 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 77.8 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 2'-4'** SA54993-19 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 7.0 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 140 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 14.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 70.2 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 35.1 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 14.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 14.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 14.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 14.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 70.2 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 70.2 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 70.2 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-19 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 7.0 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 14.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 70.2 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 7.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 70.2 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 140 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *102* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *91.8* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *124* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *114* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 23.3 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 23.3 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *70.0* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 2'-4'** SA54993-19 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 6.29 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120285 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 31.5 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 31.5 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 6.29 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *47.6* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *108* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 12.6 | 1 | SW846 8082 | 06-Dec-06 | 06-Dec-06 | 6120318 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 12.6 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *64.8* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 579 | 1 | SW846 8270C | 06-Dec-06 | 06-Dec-06 | 6120316 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-19 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 579 | 1 | SW846 8270C | 06-Dec-06 | 06-Dec-06 | 6120316 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 4'-8'** SA54993-20 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| | VOC Extraction | Field extracted | | N/A | | 1 | VOC | 04-Dec-06 | 04-Dec-06 | 6120221 | BD |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/kg dry | 5.9 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 67-64-1 | Acetone | BRL | | µg/kg dry | 118 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/kg dry | 59.2 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/kg dry | 29.6 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/kg dry | 59.2 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/kg dry | 59.2 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/kg dry | 59.2 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 2'-4'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-19 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 579 | 1 | SW846 8270C | 06-Dec-06 | 06-Dec-06 | 6120316 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 2320 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 2320 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 579 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *95.6* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *87.7* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *70.6* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *67.7* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *99.7* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *106* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | 0.114 | | mg/kg dry | 0.0365 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.16 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 4.41 | | mg/kg dry | 1.75 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 140 | | mg/kg dry | 0.582 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.536 | | mg/kg dry | 0.291 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 20.0 | | mg/kg dry | 0.582 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 45.0 | | mg/kg dry | 0.874 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.75 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0152 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | 0.0104 | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 81.6 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 4'-8'** SA54993-20 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds | | | | | | | | | | | |
| Prepared by method SW846 5035A Soil (low level) | | | | | | | | | | | |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 5.9 | 1 | SW 846 8260B | 05-Dec-06 | 06-Dec-06 | 6120294 | JRO |
| 103-65-1 | n-Propylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 100-42-5 | Styrene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/kg dry | 11.8 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/kg dry | 59.2 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/kg dry | 5.9 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/kg dry | 59.2 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/kg dry | 118 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *107* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *102* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *118* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *106* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/kg dry | 16.8 | 1 | +CT ETPH | 05-Dec-06 | 06-Dec-06 | 6120231 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/kg dry | 16.8 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *58.6* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 4'-8'** SA54993-20 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/kg dry | 5.52 | 1 | SW846 8081A | 05-Dec-06 | 07-Dec-06 | 6120285 | TG |
| 319-84-6 | a-BHC | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 319-85-7 | b-BHC | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/kg dry | 27.6 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/kg dry | 27.6 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/kg dry | 5.52 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *57.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *109* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3545A | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/kg dry | 11.0 | 1 | SW846 8082 | 06-Dec-06 | 06-Dec-06 | 6120318 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/kg dry | 11.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *55.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *70.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/kg dry | 417 | 1 | SW846 8270C | 06-Dec-06 | 06-Dec-06 | 6120316 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 4'-8'** SA54993-20 | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/kg dry | 417 | 1 | SW846 8270C | 06-Dec-06 | 06-Dec-06 | 6120316 | M.B |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-33 4'-8'** | 171-305 | Soil | 03-Dec-06 00:00 | 04-Dec-06 |
| SA54993-20 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3550B | | | | | | | | | | | |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/kg dry | 417 | 1 | SW846 8270C | 06-Dec-06 | 06-Dec-06 | 6120316 | M.B |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/kg dry | 1670 | 1 | " | " | " | " | " |
| 98-95-3 | Nitrobenzene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/kg dry | 1670 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/kg dry | 417 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *102* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *97.1* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *83.4* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *84.6* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *93.6* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *106* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/kg dry | 0.0332 | 1 | SW846 7471A | 05-Dec-06 | 06-Dec-06 | 6120212 | YP |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/kg dry | 1.06 | 1 | EPA 200.7 | 05-Dec-06 | 07-Dec-06 | 6120211 | RM |
| 7440-38-2 | Arsenic | 2.66 | | mg/kg dry | 1.59 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 158 | | mg/kg dry | 0.528 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.528 | | mg/kg dry | 0.264 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | 19.6 | | mg/kg dry | 0.528 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 11.7 | | mg/kg dry | 0.793 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/kg dry | 1.59 | 1 | " | " | " | " | " |
| **SPLP Metals by EPA 1312 & 6000/7000 Series Methods** | | | | | | | | | | | |
| | SPLP Extraction | Completed | | N/A | | 1 | SW846 1312 | 04-Dec-06 | 04-Dec-06 | 6120219 | BD |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0100 | 1 | SW846 1312/6010B | 06-Dec-06 | 07-Dec-06 | 6120252 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0149 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00040 | 1 | SW846 1312/7470A | " | 06-Dec-06 | 6120253 | YP |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | SW846 1312/6010B | " | 07-Dec-06 | 6120252 | LR |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **General Chemistry Parameters** | | | | | | | | | | | |
| | % Solids | 90.4 | | % | | 1 | SM2540 G Mod. | 06-Dec-06 | 06-Dec-06 | 6120366 | QP |

# APPENDIX E
# Groundwater Sample Laboratory Reports

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 GW**<br>SA54611-11 | 171-305 | Ground Water | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Freo 113) | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 29-Nov-06 | 29-Nov-06 | 6111974 | tr |
| 67-64-1 | Acetone | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12 | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | 1.4 | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 GW**<br>SA54611-11 | 171-305 | Ground Water | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 103-65-1 | n-Propylbenzene | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 29-Nov-06 | 29-Nov-06 | 6111974 | tr |
| 100-42-5 | Styrene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | 1.1 | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *104* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *99.4* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *93.0* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *101* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/l | 0.1 | 1 | +CT ETPH | 28-Nov-06 | 01-Dec-06 | 6111819 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *80.6* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/l | 0.012 | 1 | SW846 8081A | 28-Nov-06 | 29-Nov-06 | 6111821 | TG |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 GW**<br>SA54611-11 | 171-305 | Ground Water | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 319-84-6 | a-BHC | BRL | | µg/l | 0.012 | 1 | SW846 8081A | 28-Nov-06 | 29-Nov-06 | 6111821 | TG |
| 319-85-7 | b-BHC | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/l | 0.061 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/l | 0.002 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/l | 0.061 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/l | 0.012 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *49.6* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *69.4* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/l | 0.0242 | 1 | SW846 8082 | 28-Nov-06 | 29-Nov-06 | 6111820 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/l | 0.0242 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/l | 0.0242 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/l | 0.0242 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/l | 0.0242 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/l | 0.0242 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/l | 0.0242 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/l | 0.0242 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/l | 0.0242 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *35.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *40.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 5.88 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111818 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 GW**<br>SA54611-11 | 171-305 | Ground Water | 21-Nov-06 00:00 | 22-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 5.88 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111818 | M.B |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/l | 11.8 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/l | 23.5 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 GW** | 171-305 | Ground Water | 21-Nov-06 00:00 | 22-Nov-06 |
| SA54611-11 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 98-95-3 | Nitrobenzene | BRL | | µg/l | 5.88 | 1 | SW846 8270C | 28-Nov-06 | 30-Nov-06 | 6111818 | M.B |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/l | 23.5 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/l | 23.5 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *71.4* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *77.6* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *73.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *75.5* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *75.9* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *74.5* | | *15-110 %* | | | " | " | " | " | " |
| SVOCs by SW846 8270C SIM | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 0.050 | 1 | SW846 8270C/EPA 625 SIM | " | " | " | " |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *28.1* | SGC | *30-130 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *80.4* | | *30-130 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0075 | 1 | SW846 6010B | 30-Nov-06 | 30-Nov-06 | 6112008 | RM |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0040 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.142 | | mg/l | 0.0050 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-4 GW**<br>SA54611-11 | 171-305 | Ground Water | 21-Nov-06 00:00 | 22-Nov-06 |

| *CAS No.* | *Analyte(s)* | *Result* | *Flag* | *Units* | **RDL* | *Dilution* | *Method Ref.* | *Prepared* | *Analyzed* | *Batch* | *Analyst* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | SW846 6010B | 30-Nov-06 | 30-Nov-06 | 6112008 | RM |
| 7440-47-3 | Chromium | 0.0127 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 0.0095 | | mg/l | 0.0075 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00020 | 1 | EPA 245.1/7470A | 30-Nov-06 | 30-Nov-06 | 6111915 | YP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 GW**<br>SA54543-10 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 28-Nov-06 | 29-Nov-06 | 6111851 | jro |
| 67-64-1 | Acetone | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 GW** | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-10 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 103-65-1 | n-Propylbenzene | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 28-Nov-06 | 29-Nov-06 | 6111851 | jro |
| 100-42-5 | Styrene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *94.0* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *99.0* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *86.7* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *95.3* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/l | 0.1 | 1 | +CT ETPH | 27-Nov-06 | 29-Nov-06 | 6111729 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *81.4* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/l | 0.013 | 1 | SW846 8081A | 27-Nov-06 | 28-Nov-06 | 6111731 | TG |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 GW**<br>SA54543-10 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 319-84-6 | a-BHC | BRL | | µg/l | 0.013 | 1 | SW846 8081A | 27-Nov-06 | 28-Nov-06 | 6111731 | TG |
| 319-85-7 | b-BHC | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/l | 0.067 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | R02 | µg/l | 0.003 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/l | 0.067 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/l | 0.013 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *70.4* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *94.8* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/l | 0.0267 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111730 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/l | 0.0267 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/l | 0.0267 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/l | 0.0267 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/l | 0.0267 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/l | 0.0267 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/l | 0.0267 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/l | 0.0267 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/l | 0.0267 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *70.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *59.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 8.33 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 GW**<br>SA54543-10 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| *CAS No.* | *Analyte(s)* | *Result* | *Flag* | *Units* | **RDL* | *Dilution* | *Method Ref.* | *Prepared* | *Analyzed* | *Batch* | *Analyst* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 8.33 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/l | 16.7 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/l | 33.3 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 GW**<br>SA54543-10 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 98-95-3 | Nitrobenzene | BRL | | µg/l | 8.33 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/l | 33.3 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/l | 33.3 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/l | 8.33 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *68.1* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *73.9* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *72.4* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *80.0* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *72.4* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *89.2* | | *15-110 %* | | | " | " | " | " | " |
| SVOCs by SW846 8270C SIM | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 0.050 | 1 | SW846 8270C/EPA 625 SIM | " | 29-Nov-06 | " | " |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *67.9* | | *30-130 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *83.9* | | *30-130 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | 0.0197 | | mg/l | 0.0050 | 1 | SW846 6010B | 28-Nov-06 | 29-Nov-06 | 6111663 | LR |
| 7440-38-2 | Arsenic | 0.0066 | | mg/l | 0.0040 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.359 | | mg/l | 0.0050 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **NJ-9 GW**<br>SA54543-10 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| *CAS No.* | *Analyte(s)* | *Result* | *Flag* | *Units* | **RDL* | *Dilution* | *Method Ref.* | *Prepared* | *Analyzed* | *Batch* | *Analyst* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | SW846 6010B | 28-Nov-06 | 29-Nov-06 | 6111663 | LR |
| 7440-47-3 | Chromium | 0.0758 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 0.0802 | | mg/l | 0.0075 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00020 | 1 | EPA 245.1/7470A | 28-Nov-06 | 29-Nov-06 | 6111664 | YP |

Report Date:
29-Nov-06 16:02

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

**SPECTRUM ANALYTICAL, INC.**
*Featuring*
**HANIBAL TECHNOLOGY**

# *Laboratory Report*

Logical Environmental Solutions
354 South River Road
Tolland, CT 06084
Attn: Cindy Knight

Project: Busway Project-327 Main St-CT
Project 171-305

| Laboratory ID | Client Sample ID | Matrix | Date Sampled | Date Received |
|---|---|---|---|---|
| SA54484-01 | MW-1 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 16:05 |
| SA54484-02 | MW-2 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 16:05 |
| SA54484-03 | MW-3 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 16:05 |
| SA54484-04 | TB-1 | Blank Water | 19-Nov-06 00:00 | 20-Nov-06 16:05 |

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 34 pages of analytical data plus Chain of Custody document(s).
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Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538/2972
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

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| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-1** | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |
| SA54484-01 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 27-Nov-06 | 28-Nov-06 | 6111850 | mar |
| 67-64-1 | Acetone | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | 116 | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-1**<br>SA54484-01 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 103-65-1 | n-Propylbenzene | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 27-Nov-06 | 28-Nov-06 | 6111850 | mar |
| 100-42-5 | Styrene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | 10.8 | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | 1.0 | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | 324 | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *94.7* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *99.3* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *98.3* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *102* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/l | 0.1 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111601 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *94.7* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 22-Nov-06 | 27-Nov-06 | 6111600 | TG |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-1**<br>SA54484-01 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 319-84-6 | a-BHC | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 22-Nov-06 | 27-Nov-06 | 6111600 | TG |
| 319-85-7 | b-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/l | 0.054 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/l | 0.002 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/l | 0.054 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *64.4* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *70.8* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/l | 0.0222 | 1 | SW846 8082 | 22-Nov-06 | 22-Nov-06 | 6111598 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *45.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *80.2* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 5.71 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-1**<br>SA54484-01 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 5.71 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/l | 11.4 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/l | 22.9 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-1**<br>SA54484-01 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 98-95-3 | Nitrobenzene | BRL | | µg/l | 5.71 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/l | 22.9 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/l | 22.9 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/l | 5.71 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *74.4* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *74.4* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *76.5* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *70.1* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *88.3* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *66.9* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0050 | 1 | SW846 6010B | 22-Nov-06 | 27-Nov-06 | 6111574 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0040 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.270 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00020 | 1 | EPA 245.1/7470A | 22-Nov-06 | 27-Nov-06 | 6111575 | YP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-2**<br>SA54484-02 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 27-Nov-06 | 28-Nov-06 | 6111850 | mar |
| 67-64-1 | Acetone | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-2** | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |
| SA54484-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 103-65-1 | n-Propylbenzene | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 27-Nov-06 | 28-Nov-06 | 6111850 | mar |
| 100-42-5 | Styrene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *95.0* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *100* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *99.3* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *104* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/l | 0.1 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111601 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *91.5* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 22-Nov-06 | 27-Nov-06 | 6111600 | TG |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| MW-2<br>SA54484-02 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 319-84-6 | a-BHC | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 22-Nov-06 | 27-Nov-06 | 6111600 | TG |
| 319-85-7 | b-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/l | 0.056 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/l | 0.002 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/l | 0.056 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *71.2* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *73.9* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/l | 0.0222 | 1 | SW846 8082 | 22-Nov-06 | 22-Nov-06 | 6111598 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *40.0* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *85.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 5.41 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-2** | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |
| SA54484-02 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 5.41 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/l | 10.8 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/l | 21.6 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-2**<br>SA54484-02 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 98-95-3 | Nitrobenzene | BRL | | µg/l | 5.41 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/l | 21.6 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/l | 21.6 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/l | 5.41 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *71.9* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *69.5* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *69.9* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *66.2* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *88.7* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *64.7* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0050 | 1 | SW846 6010B | 22-Nov-06 | 27-Nov-06 | 6111574 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0040 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.178 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | 0.0026 | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00020 | 1 | EPA 245.1/7470A | 22-Nov-06 | 27-Nov-06 | 6111575 | YP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-3** | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |
| SA54484-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Freon 113) | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 27-Nov-06 | 28-Nov-06 | 6111850 | mar |
| 67-64-1 | Acetone | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | 1.2 | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-3**<br>SA54484-03 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 103-65-1 | n-Propylbenzene | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 27-Nov-06 | 28-Nov-06 | 6111850 | mar |
| 100-42-5 | Styrene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *94.7* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *97.3* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *97.0* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *102* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/l | 0.1 | 1 | +CT ETPH | 22-Nov-06 | 28-Nov-06 | 6111601 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *125* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 22-Nov-06 | 27-Nov-06 | 6111600 | TG |

***This laboratory report is not valid without an authorized signature on the cover page.***

* Reportable Detection Limit  BRL = Below Reporting Limit

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-3** | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |
| SA54484-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 319-84-6 | a-BHC | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 22-Nov-06 | 27-Nov-06 | 6111600 | TG |
| 319-85-7 | b-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/l | 0.057 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/l | 0.002 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/l | 0.057 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *66.4* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *81.7* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/l | 0.0229 | 1 | SW846 8082 | 22-Nov-06 | 22-Nov-06 | 6111598 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/l | 0.0229 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/l | 0.0229 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/l | 0.0229 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/l | 0.0229 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/l | 0.0229 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/l | 0.0229 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/l | 0.0229 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/l | 0.0229 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *39.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *100* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 5.26 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| MW-3<br>SA54484-03 | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 5.26 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/l | 10.5 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/l | 21.1 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-3** | 171-305 | Ground Water | 19-Nov-06 00:00 | 20-Nov-06 |
| SA54484-03 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 98-95-3 | Nitrobenzene | BRL | | µg/l | 5.26 | 1 | SW846 8270C | 22-Nov-06 | 22-Nov-06 | 6111602 | M.B |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/l | 21.1 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/l | 21.1 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/l | 5.26 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *64.1* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *63.9* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *69.0* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *56.5* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *84.2* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *69.2* | | *15-110 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0050 | 1 | SW846 6010B | 22-Nov-06 | 27-Nov-06 | 6111574 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0040 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.196 | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | " | " | " | " | " |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00020 | 1 | EPA 245.1/7470A | 22-Nov-06 | 27-Nov-06 | 6111575 | YP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-4**<br>SA54543-11 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 28-Nov-06 | 29-Nov-06 | 6111851 | jro |
| 67-64-1 | Acetone | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | 6.2 | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-4** | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-11 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 103-65-1 | n-Propylbenzene | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 28-Nov-06 | 29-Nov-06 | 6111851 | jro |
| 100-42-5 | Styrene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *93.3* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *97.7* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *87.0* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *92.3* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/l | 0.1 | 1 | +CT ETPH | 27-Nov-06 | 29-Nov-06 | 6111729 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *80.6* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 27-Nov-06 | 28-Nov-06 | 6111731 | TG |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-4**<br>SA54543-11 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 319-84-6 | a-BHC | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 27-Nov-06 | 28-Nov-06 | 6111731 | TG |
| 319-85-7 | b-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/l | 0.056 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/l | 0.002 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/l | 0.056 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *72.1* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *94.6* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/l | 0.0222 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111730 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *70.3* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *90.1* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 5.88 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-4** | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-11 | | | | |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 5.88 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3´-Dichlorobenzidine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/l | 11.8 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/l | 23.5 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| MW-4<br>SA54543-11 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 98-95-3 | Nitrobenzene | BRL | | µg/l | 5.88 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/l | 23.5 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/l | 23.5 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/l | 5.88 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *69.6* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *75.9* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *74.5* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *82.3* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *110* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *91.5* | | *15-110 %* | | | " | " | " | " | " |
| SVOCs by SW846 8270C SIM | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 0.050 | 1 | SW846 8270C/EPA 625 SIM | " | 29-Nov-06 | " | " |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *76.5* | | *30-130 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *85.4* | | *30-130 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0050 | 1 | SW846 6010B | 28-Nov-06 | 29-Nov-06 | 6111663 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0040 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.240 | | mg/l | 0.0050 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-4** | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |
| SA54543-11 | | | | |

| *CAS No.* | *Analyte(s)* | *Result* | *Flag* | *Units* | **RDL* | *Dilution* | *Method Ref.* | *Prepared* | *Analyzed* | *Batch* | *Analyst* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-43-9 | Cadmium | BRL | | mg/l | 0.0025 | 1 | SW846 6010B | 28-Nov-06 | 29-Nov-06 | 6111663 | LR |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | BRL | | mg/l | 0.0075 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00020 | 1 | EPA 245.1/7470A | 28-Nov-06 | 29-Nov-06 | 6111664 | YP |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-5**<br>SA54543-12 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane (Frec 113) | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 28-Nov-06 | 29-Nov-06 | 6111851 | jro |
| 67-64-1 | Acetone | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| 107-13-1 | Acrylonitrile | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 71-43-2 | Benzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-86-1 | Bromobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-97-5 | Bromochloromethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-27-4 | Bromodichloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 75-25-2 | Bromoform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-83-9 | Bromomethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 78-93-3 | 2-Butanone (MEK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 104-51-8 | n-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 135-98-8 | sec-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 98-06-6 | tert-Butylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-15-0 | Carbon disulfide | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 56-23-5 | Carbon tetrachloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-90-7 | Chlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-00-3 | Chloroethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 67-66-3 | Chloroform | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 74-87-3 | Chloromethane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-49-8 | 2-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-43-4 | 4-Chlorotoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 124-48-1 | Dibromochloromethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 106-93-4 | 1,2-Dibromoethane (EDB) | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 74-95-3 | Dibromomethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-71-8 | Dichlorodifluoromethane (Freon12) | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 75-34-3 | 1,1-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 107-06-2 | 1,2-Dichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-35-4 | 1,1-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-59-2 | cis-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 156-60-5 | trans-1,2-Dichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 78-87-5 | 1,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 142-28-9 | 1,3-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 594-20-7 | 2,2-Dichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 563-58-6 | 1,1-Dichloropropene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 10061-01-5 | cis-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 10061-02-6 | trans-1,3-Dichloropropene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 100-41-4 | Ethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 591-78-6 | 2-Hexanone (MBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 98-82-8 | Isopropylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 99-87-6 | 4-Isopropyltoluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1634-04-4 | Methyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 75-09-2 | Methylene chloride | BRL | | µg/l | 5.0 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-5**<br>SA54543-12 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organic Compounds** | | | | | | | | | | | |
| Volatile Organic Compounds by SW846 8260B | | | | | | | | | | | |
| Prepared by method SW846 5030 Water MS | | | | | | | | | | | |
| 103-65-1 | n-Propylbenzene | BRL | | µg/l | 1.0 | 1 | SW846 8260B | 28-Nov-06 | 29-Nov-06 | 6111851 | jro |
| 100-42-5 | Styrene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | BRL | | µg/l | 0.5 | 1 | " | " | " | " | " |
| 127-18-4 | Tetrachloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-88-3 | Toluene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 87-61-6 | 1,2,3-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 71-55-6 | 1,1,1-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-00-5 | 1,1,2-Trichloroethane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 79-01-6 | Trichloroethene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-69-4 | Trichlorofluoromethane (Freon 11) | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 96-18-4 | 1,2,3-Trichloropropane | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 95-63-6 | 1,2,4-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-67-8 | 1,3,5-Trimethylbenzene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-01-4 | Vinyl chloride | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 1330-20-7 | m,p-Xylene | BRL | | µg/l | 2.0 | 1 | " | " | " | " | " |
| 95-47-6 | o-Xylene | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 109-99-9 | Tetrahydrofuran | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 60-29-7 | Ethyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 994-05-8 | Tert-amyl methyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 637-92-3 | Ethyl tert-butyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 108-20-3 | Di-isopropyl ether | BRL | | µg/l | 1.0 | 1 | " | " | " | " | " |
| 75-65-0 | Tert-Butanol / butyl alcohol | BRL | | µg/l | 10.0 | 1 | " | " | " | " | " |
| 123-91-1 | 1,4-Dioxane | BRL | | µg/l | 20.0 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *460-00-4* | *4-Bromofluorobenzene* | *96.3* | | *70-130 %* | | | " | " | " | " | " |
| *2037-26-5* | *Toluene-d8* | *98.7* | | *70-130 %* | | | " | " | " | " | " |
| *17060-07-0* | *1,2-Dichloroethane-d4* | *86.7* | | *70-130 %* | | | " | " | " | " | " |
| *1868-53-7* | *Dibromofluoromethane* | *93.3* | | *70-130 %* | | | " | " | " | " | " |
| **Extractable Petroleum Hydrocarbons** | | | | | | | | | | | |
| Extractable Total Petroleum Hydrocarbons | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 8006-61-9 | Gasoline | BRL | | mg/l | 0.1 | 1 | +CT ETPH | 27-Nov-06 | 29-Nov-06 | 6111729 | DS |
| 68476-30-2 | Fuel Oil #2 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68476-31-3 | Fuel Oil #4 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| 68553-00-4 | Fuel Oil #6 | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| M09800000 | Motor Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| J00100000 | Aviation Fuel | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Unidentified | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Other Oil | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | Total Petroleum Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| | C9-C36 Aliphatic Hydrocarbons | BRL | | mg/l | 0.1 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *3386-33-2* | *1-Chlorooctadecane* | *73.4* | | *40-140 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 309-00-2 | Aldrin | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 27-Nov-06 | 28-Nov-06 | 6111731 | TG |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-5**<br>SA54543-12 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GC** | | | | | | | | | | | |
| Organochlorine Pesticides SW846 8081A | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 319-84-6 | a-BHC | BRL | | µg/l | 0.011 | 1 | SW846 8081A | 27-Nov-06 | 28-Nov-06 | 6111731 | TG |
| 319-85-7 | b-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 319-86-8 | d-BHC | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 58-89-9 | g-BHC (Lindane) | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 57-74-9 | Chlordane | BRL | | µg/l | 0.056 | 1 | " | " | " | " | " |
| 72-54-8 | 4,4-DDD (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-55-9 | 4,4-DDE (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 50-29-3 | 4,4-DDT (p,p') | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 60-57-1 | Dieldrin | BRL | | µg/l | 0.002 | 1 | " | " | " | " | " |
| 959-98-8 | Endosulfan I | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 33213-65-9 | Endosulfan II | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1031-07-8 | Endosulfan Sulfate | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-20-8 | Endrin | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 7421-93-4 | Endrin Aldehyde | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 76-44-8 | Heptachlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 72-43-5 | Methoxychlor | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 1024-57-3 | Heptachlor Epoxide | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 8001-35-2 | Toxaphene | BRL | | µg/l | 0.056 | 1 | " | " | " | " | " |
| 5103-71-9 | a-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 5566-34-7 | g-Chlordane | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| 53494-70-5 | Endrin Ketone | BRL | | µg/l | 0.011 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *59.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *100* | | *30-150 %* | | | " | " | " | " | " |
| Polychlorinated Biphenyls by SW846 8082 | | | | | | | | | | | |
| Prepared by method SW846 3535 | | | | | | | | | | | |
| 12674-11-2 | PCB 1016 | BRL | | µg/l | 0.0222 | 1 | SW846 8082 | 27-Nov-06 | 28-Nov-06 | 6111730 | SM |
| 11104-28-2 | PCB 1221 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11141-16-5 | PCB 1232 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 53469-21-9 | PCB 1242 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 12672-29-6 | PCB 1248 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11097-69-1 | PCB 1254 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11096-82-5 | PCB 1260 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 37324-23-5 | PCB 1262 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| 11100-14-4 | PCB 1268 | BRL | | µg/l | 0.0222 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *10386-84-2* | *4,4-DB-Octafluorobiphenyl (Sr)* | *59.9* | | *30-150 %* | | | " | " | " | " | " |
| *2051-24-3* | *Decachlorobiphenyl (Sr)* | *59.9* | | *30-150 %* | | | " | " | " | " | " |
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 5.56 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 62-53-3 | Aniline | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 1912-24-9 | Atrazine | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 103-33-3 | Azobenzene/Diphenyldiazine | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 92-87-5 | Benzidine | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| MW-5<br>SA54543-12 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 5.56 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 65-85-0 | Benzoic acid | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 100-51-6 | Benzyl alcohol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 111-91-1 | Bis(2-chloroethoxy)methane | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 111-44-4 | Bis(2-chloroethyl)ether | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 39638-32-9 | Bis(2-chloroisopropyl)ether | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 117-81-7 | Bis(2-ethylhexyl)phthalate | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 101-55-3 | 4-Bromophenyl phenyl ether | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 85-68-7 | Butyl benzyl phthalate | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 86-74-8 | Carbazole | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 59-50-7 | 4-Chloro-3-methylphenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 106-47-8 | 4-Chloroaniline | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 91-58-7 | 2-Chloronaphthalene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 95-57-8 | 2-Chlorophenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 132-64-9 | Dibenzofuran | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 95-50-1 | 1,2-Dichlorobenzene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 541-73-1 | 1,3-Dichlorobenzene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 106-46-7 | 1,4-Dichlorobenzene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 91-94-1 | 3,3'-Dichlorobenzidine | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 120-83-2 | 2,4-Dichlorophenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 84-66-2 | Diethyl phthalate | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 131-11-3 | Dimethyl phthalate | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 105-67-9 | 2,4-Dimethylphenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 84-74-2 | Di-n-butyl phthalate | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 51-28-5 | 2,4-Dinitrophenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 121-14-2 | 2,4-Dinitrotoluene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 606-20-2 | 2,6-Dinitrotoluene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 117-84-0 | Di-n-octyl phthalate | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 118-74-1 | Hexachlorobenzene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 87-68-3 | Hexachlorobutadiene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 77-47-4 | Hexachlorocyclopentadiene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 67-72-1 | Hexachloroethane | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 78-59-1 | Isophorone | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 95-48-7 | 2-Methylphenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 108-39-4, 106-44-5 | 3,4-Methylphenol | BRL | | µg/l | 11.1 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 88-74-4 | 2-Nitroaniline | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 99-09-2 | 3-Nitroaniline | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 100-01-6 | 4-Nitroaniline | BRL | | µg/l | 22.2 | 1 | " | " | " | " | " |

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| MW-5<br>SA54543-12 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| CAS No. | Analyte(s) | Result | Flag | Units | *RDL | Dilution | Method Ref. | Prepared | Analyzed | Batch | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Semivolatile Organic Compounds by GCMS** | | | | | | | | | | | |
| Semivolatile Organic Compounds by SW846 8270C | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 98-95-3 | Nitrobenzene | BRL | | µg/l | 5.56 | 1 | SW846 8270C | 27-Nov-06 | 29-Nov-06 | 6111728 | M.B |
| 88-75-5 | 2-Nitrophenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 100-02-7 | 4-Nitrophenol | BRL | | µg/l | 22.2 | 1 | " | " | " | " | " |
| 62-75-9 | N-Nitrosodimethylamine | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 621-64-7 | N-Nitrosodi-n-propylamine | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 86-30-6 | N-Nitrosodiphenylamine | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 87-86-5 | Pentachlorophenol | BRL | | µg/l | 22.2 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 108-95-2 | Phenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 110-86-1 | Pyridine | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 120-82-1 | 1,2,4-Trichlorobenzene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 95-95-4 | 2,4,5-Trichlorophenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| 88-06-2 | 2,4,6-Trichlorophenol | BRL | | µg/l | 5.56 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *66.7* | | *30-130 %* | | | " | " | " | " | " |
| *367-12-4* | *2-Fluorophenol* | *72.3* | | *15-110 %* | | | " | " | " | " | " |
| *4165-60-0* | *Nitrobenzene-d5* | *70.1* | | *30-130 %* | | | " | " | " | " | " |
| *4165-62-2* | *Phenol-d5* | *78.6* | | *15-110 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *94.1* | | *30-130 %* | | | " | " | " | " | " |
| *118-79-6* | *2,4,6-Tribromophenol* | *84.0* | | *15-110 %* | | | " | " | " | " | " |
| SVOCs by SW846 8270C SIM | | | | | | | | | | | |
| Prepared by method SW846 3510C | | | | | | | | | | | |
| 83-32-9 | Acenaphthene | BRL | | µg/l | 0.050 | 1 | SW846 8270C/EPA 625 SIM | " | 29-Nov-06 | " | " |
| 208-96-8 | Acenaphthylene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 90-12-0 | 1-Methylnaphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 120-12-7 | Anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 56-55-3 | Benzo (a) anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 50-32-8 | Benzo (a) pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 205-99-2 | Benzo (b) fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 191-24-2 | Benzo (g,h,i) perylene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 207-08-9 | Benzo (k) fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 218-01-9 | Chrysene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 53-70-3 | Dibenzo (a,h) anthracene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 206-44-0 | Fluoranthene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 86-73-7 | Fluorene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 193-39-5 | Indeno (1,2,3-cd) pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 91-57-6 | 2-Methylnaphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 91-20-3 | Naphthalene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 85-01-8 | Phenanthrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| 129-00-0 | Pyrene | BRL | | µg/l | 0.050 | 1 | " | " | " | " | " |
| *Surrogate recoveries:* | | | | | | | | | | | |
| *321-60-8* | *2-Fluorobiphenyl* | *86.5* | | *30-130 %* | | | " | " | " | " | " |
| *1718-51-0* | *Terphenyl-dl4* | *83.8* | | *30-130 %* | | | " | " | " | " | " |
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-22-4 | Silver | BRL | | mg/l | 0.0050 | 1 | SW846 6010B | 28-Nov-06 | 29-Nov-06 | 6111663 | LR |
| 7440-38-2 | Arsenic | BRL | | mg/l | 0.0040 | 1 | " | " | " | " | " |
| 7440-39-3 | Barium | 0.0640 | | mg/l | 0.0050 | 1 | " | " | " | " | " |

*This laboratory report is not valid without an authorized signature on the cover page.*

* Reportable Detection Limit  BRL = Below Reporting Limit

| Sample Identification | Client Project # | Matrix | Collection Date/Time | Received |
|---|---|---|---|---|
| **MW-5**<br>SA54543-12 | 171-305 | Ground Water | 20-Nov-06 00:00 | 21-Nov-06 |

| *CAS No.* | *Analyte(s)* | *Result* | *Flag* | *Units* | **RDL* | *Dilution* | *Method Ref.* | *Prepared* | *Analyzed* | *Batch* | *Analyst* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Total Metals by EPA 6000/7000 Series Methods** | | | | | | | | | | | |
| 7440-43-9 | Cadmium | 0.0028 | | mg/l | 0.0025 | 1 | SW846 6010B | 28-Nov-06 | 29-Nov-06 | 6111663 | LR |
| 7440-47-3 | Chromium | BRL | | mg/l | 0.0050 | 1 | " | " | " | " | " |
| 7439-92-1 | Lead | 0.0102 | | mg/l | 0.0075 | 1 | " | " | " | " | " |
| 7782-49-2 | Selenium | BRL | | mg/l | 0.0150 | 1 | " | " | " | " | " |
| **Total Metals by EPA 200 Series Methods** | | | | | | | | | | | |
| 7439-97-6 | Mercury | BRL | | mg/l | 0.00020 | 1 | EPA 245.1/7470A | 28-Nov-06 | 29-Nov-06 | 6111664 | YP |