NATURAL RESOURCE GROUP, INC.

# DATA VALIDATION CHECKLIST

**Job Number: 220-978-1**

| | | | | |
|---|---|---|---|---|
| Sample Identification(s): | NRGTP-2 4' | NRGTP-7 4' | NRGTP-10 0.5-1' | NRGTP-12 4' |
| | NRGTP-4 0-1' | NRGTP-8 0.5-1' | NRGTP-10 4' | NRGTP-13 0.5' |
| | NRGTP-4 8' | NRGTP-8 4' | NRGTP-10 7' | NRGTP-13 4' |
| | NRGTP-5 0-1' | NRGTP-8 8' | NRGTP-11 0.5' | NRGTP-13 8' |
| | NRGTP-5 5' | NRGTP-9 0.5-1' | NRGTP-11 4' | |
| | NRGTP-6 6-8' | NRGTP-9 4' | NRGTP-11 8' | |
| | NRGTP-7 0.5-1' | NRGTP-9 8' | NRGTP-12 0.5' | |

| | |
|---|---|
| Sample Date(s): | February 27-28, 2007 |
| Sample Team: | Steve Lorentz, NRG |
| Sample Matrix: | Solid |
| Analyzing Laboratory: | Severn Trent Laboratories, Inc. Connecticut |

Analytical data were validated in accordance with applicable USEPA SW-846 analytical method requirements, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999), and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) criteria.

The data package reviewed includes analytical results and data for all samples associated with this job number. The data package was prepared in accordance with USEPA Contract Laboratory Program (CLP) Level IV deliverable protocols. Only QA/QC results and raw data associated with target analytes were reviewed and / or discussed under this validation.

## ANALYTICAL DATA PACKAGE DOCUMENTATION
## GENERAL INFORMATION

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Sample results | | X | | X | |
| 2. Parameters analyzed | | X | | X | |
| 3. Method of analysis | | X | | X | |
| 4. Reporting limits of analysis | | X | | X | |
| 5. Master tracking list | | X | | X | |
| 6. Sample collection date | | X | | X | |
| 7. Laboratory sample received date | | X | | X | |
| 8. Sample preparation/extraction date | | X | | X | |
| 9. Sample analysis date | | X | | X | |
| 10. Copy of chain-of-custody form signed by lab sample custodian | | X | | X | |
| Narrative summary of QA or sample problems provided | | X | | X | |

QA - quality assurance

NATURAL RESOURCE GROUP, INC.

## INORGANIC ANALYSES – TOTAL METALS

*Method 6010B: Arsenic, Cadmium, Chromium, Lead, Selenium, Silver, & Barium*
*Method 7471A: Mercury*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blank | | X | | X | |
| B. Calibration blanks | | X | X | | |
| C. Field blanks | X | | | | |
| 7. Interference check sample %R | | X | | X | |
| 8. Serial dilution check %D | X | | | | |
| 9. Laboratory control sample (LCS) %R | | X | | X | |
| 10. Matrix spike (MS) %R | | X | X | | |
| 11. Post-digestion spike (PDS) %R | X | | | | |
| 12. Laboratory duplicate RPD | | X | X | | |
| 13. Field duplicate comparison | X | | | | |

%R - percent recovery %D - percent difference RPD - relative percent difference
NA - not applicable or not analyzed

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

6b. CCB 220-4130/21 and CCB 220-4130/57 had arsenic concentrations of 4.0 ug/L and 4.9 ug/L, respectively. Samples NRGTP-5 5', NRGTP-6 6-8', NRGTP-7 0.5-1, NRGTP-7 4', NRGTP-8 0.5-1, NRGTP-8 4', NRGTP-8 8', NRGTP-9 4', NRGTP-9 8', NRGTP-10 4', NRGTP-11 8', NRGTP-12 0.5' and NRGTP-13 0.5' had arsenic concentrations less than 5 times the blank concentration, these results were qualified as non-detect (U). CCB 220-4130//61 had barium concentration of 0.55 ug/L. All associated samples had barium results greater than 5 times the blank concentration. ICB 220-4114/6 and CCB 220-4114/38 had mercury concentrations of 0.087 ug/L and 0.077 ug/L. Samples NRGTP-2 4', NRGTP-5 0-1, NRGTP-5 5', NRGTP-6 6-8', NRGTP-7 4', NRGTP-8 0.5-1, NRGTP-8 4', NRGTP-8 8', NRGTP-9 4', NRGTP-10 0.5-1', NRGTP-10 4', NRGTP-10 7', NRGTP-11 8', NRGTP-13 0.5', and NRGTP-13 4' had a mercury concentration less than 5 times the blank concentration; these results were qualified as non-detect (U).

10. The matrix spike %R was above control limits for arsenic at 298%, lead at 349%, selenium at 269%, and barium at 168%. Sample results for arsenic, selenium, and barium were qualified as estimated (J), if detect. The matrix spike %R was below control limits for chromium at 59% and silver at 66%. Sample results for chromium and silver were qualified as estimated (J), if detect, and estimated (UJ) if non-detect.

## INORGANIC ANALYSES – TOTAL METALS (cont.)

12. The laboratory duplicate RPD for barium was above the control limit at 42%. Associated sample results for barium were qualified as estimated (J), if detect, and estimated (UJ), if non-detect.

## INORGANIC ANALYSES - GENERAL CHEMISTRY METHODS

*Method 9012B: Cyanide*

| | Reported | | Performance Acceptable | | Not Required |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Calibration blanks | | X | | X | |
| C. Field blanks | X | | | | |
| 7. Laboratory control sample (LCS) %R | | X | | X | |
| 8. Matrix spike (MS) %R | | X | | X | |
| 9. Post-digestion spike (PDS) %R | X | | | | |
| 10. Laboratory duplicate RPD | | X | | X | |
| 11. Field duplicate comparison | X | | | | |

%R percent recovery
LCS - laboratory control sample
RPD - relative percent difference
NA - not applicable or not analyzed
MSD - matrix spike duplicate

Comments:

Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

All control limits were met. No qualification of the data was necessary.

NATURAL RESOURCE GROUP, INC.

## ORGANIC ANALYSES - VOLATILE ORGANIC COMPOUND

*Method 8260B*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS) | | | | | |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Blanks | | | | | |
| A. Method blanks | | X | X | | |
| B. Field Blanks | X | | | | |
| C. Trip blanks | X | | | | |
| 4. Instrument tune and performance check | | X | | X | |
| 5. Initial calibration RRF's and %RSD's | | X | | X | |
| 6. Continuing calibration RRF's and %D's | | X | X | | |
| 7. Laboratory Control Sample (LCS) %R | | X | X | | |
| 8. Matrix spike (MS) %R | X | | | | |
| 9. Matrix spike duplicate (MSD) %R | X | | | | |
| 10. MS/MSD precision (RPD) | X | | | | |
| 11. Surrogate spike recoveries | | X | | X | |
| 12. Internal standard retention times and areas | | X | | X | |
| 13. Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | X | | X | |
| B. Quantitation reports | | X | | X | |
| 14. Field duplicate comparison | X | | | | |

%D - percent drift RRF - relative response factor %R - percent recovery
%RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exception and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999) unless otherwise noted.

3a. The method blank for Batch 220-4078 and Batch 220-4124 had a methylene chloride concentrations of 5.5 ug/kg and 7.1 ug/kg, respectively. Samples with methylene chloride concentrations less than 5 times the blank concentration were qualified as non-detect (U) at the reporting limit. The method blank for Batch 220-4248 had an acetone concentration of 1300 ug/kg. Sample NRGTP-11 4' had a acetone concentration less than 5 times the blank concentration; therefore, this sample was qualified as non-detect (U).

3c. A TRIP BLANK was not included with this sample shipment.

6. The continuing calibration (3/12/07) %D for 1,2-Dichloroethane was above the control limit at 90.1%. The continuing calibration (3/8/07) %Rs were above the control limit for chloroethane at 26.6%, acetone at 43.8%, and 2-butanone at 32.9%. No qualification of the data was necessary.

## ORGANIC ANALYSES - VOLATILE ORGANIC COMPOUND (cont.)

7. The laboratory control sample (Batch 220-4078 %R was above control limits for methylene chloride at 127%. The laboratory control sample (Batch 220-4124) %R was above control limits for chloroform at 141% and methylene chloride at 148%. All associated samples were non-detect for chloroform; therefore no qualification of the chloroform data was necessary. Methylen chloride results for samples NRGTP-11 8' and NRGTP-12 0.5' were qualified as estimated (J), since detect.

## ORGANIC ANALYSES - SEMIVOLATILE ORGANIC COMPOUNDS

*Method 8270C*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS) | | | | | |
| 1. Holding times | | | | | |
| A. Extraction holding time | | X | | X | |
| B. Analysis holding time | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Field Blanks | X | | | | |
| 4. Instrument tune and performance check | | X | | X | |
| 5. Initial calibration RRF's and %RSD's | | X | | X | |
| 6. Continuing calibration RRF's and %D's | | X | X | | |
| 7. Matrix spike (MS) %R | X | | | | |
| 8. Matrix spike duplicate (MSD) %R | X | | | | |
| 9. MS/MSD precision (RPD) | X | | | | |
| 10. Laboratory control sample (LCS) %R | | X | X | | |
| 11. LCS duplicate (LCSD) %R | X | | | | |
| 12. LCS/LCSD precision (RPD) | X | | | | |
| 13. Surrogate spike recoveries | | X | X | | |
| 14. Internal standard retention times and areas | | X | | X | |
| 15. Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | X | | X | |
| B. Quantitation reports | | X | | X | |
| 16. Field duplicate comparison | X | | | | |

%D - percent drift RRF - relative response factor %R - percent recovery
%RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999) unless otherwise noted.

6. The continuing calibration (3/8/07) %D for Butylbenylphthalate was above the control limit at 21.7%. The butyl benzyl phthalate result for sample NRGTP-11 8' was qualified as estimated (J), since detect.

10. The laboratory control samples for Batches 220-4103 and 220-4178 %Rs were above control limits for 2,4-Dinitrophenol at 61% and 85%, respectively. All associated sample results for 2,4-Dinitorphenol were non-detect; therefore, no qualification of the data was necessary.

## ORGANIC ANALYSES - SEMIVOLATILE ORGANIC COMPOUNDS (cont.)

13. The surrogate spike recovery was below control limits for 2-fluorophenol at 152% and phenol-d5 at 158% in sample NRGTP-11 4'. The acid fraction compounds in sample NRGTP-11 4' were qualified as estimated (J), if detect.

NATURAL RESOURCE GROUP, INC.

## DATA VALIDATION CHECKLIST
## SUMMARY OF DATA QUALIFIER CODES

| Sample ID | Analyte(s) | Result | Qualifier | Reason(s) |
|---|---|---|---|---|
| NRGTP-2 4' | Arsenic | 26.5 mg/kg | J | MS %R above control limits. |
| | Barium | 34.8 mg/kg | J | MS %R above control limits. |
| | Chromium | 57.1 mg/kg | J | MS %R below control limits. |
| | Silver | 3.0 mg/kg | UJ | MS %R below control limits. |
| | Mercury | <0.05 mg/kg | U | Blank contamination. |
| NRGTP-4 0-1' | Barium | 32.9 mg/kg | J | MS %R above control limits. |
| | Chromium | 14.5 mg/kg | J | MS %R below control limits. |
| | Silver | 2.7 mg/kg | UJ | MS %R below control limits. |
| | Methylene Chloride | <21 ug/kg | U | Blank contamination. |
| NRGTP-4 8' | Barium | 38.0 mg/kg | J | MS %R above control limits. |
| | Chromium | 25.4 mg/kg | J | MS %R below control limits. |
| | Silver | 3.6 mg/kg | UJ | MS %R below control limits. |
| | Methylene Chloride | <24 ug/kg | U | Blank contamination. |
| NRGTP-5 0-1' | Arsenic | 45.8 mg/kg | J | MS %R above control limits. |
| | Barium | 342 mg/kg | J | MS %R above control limits. |
| | Chromium | 40.9 mg/kg | J | MS %R below control limits. |
| | Silver | 3.7 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.21 mg/kg | U | Blank contamination. |
| | Methylene Chloride | <25 ug/kg | U | Blank contamination . |
| NRGTP-5 5' | Arsenic | 18.0 mg/kg | U | Blank contamination. |
| | Barium | 951 mg/kg | J | MS %R above control limits. |
| | Chromium | 22.2 mg/kg | J | MS %R below control limits. |
| | Silver | 4.3 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.14 mg/kg | U | Blank contamination. |
| | Methylene Chloride | <29 ug/kg | U | Blank contamination. |
| NRGTP-6 6-8' | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 66.8 mg/kg | J | MS %R above control limits. |
| | Chromium | 114 mg/kg | J | MS %R below control limits. |
| | Silver | 3.5 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.15 mg/kg | U | Blank contamination. |
| | Methylene Chloride | <22 ug/kg | U | Blank contamination. |
| NRGTP-7 0.5-1' | Arsenic | 9.4 mg/kg | U | Blank contamination. |
| | Barium | 126 mg/kg | J | MS %R above control limits. |
| | Chromium | 19.0 mg/kg | J | MS %R below control limits. |
| | Silver | 3.5 mg/kg | UJ | MS %R below control limits. |
| NRGTP-7 4' | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 73.9 mg/kg | J | MS %R above control limits. |
| | Chromium | 6.8 mg/kg | J | MS %R below control limits. |
| | Silver | 6.4 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.19 mg/kg | U | Blank contamination. |
| NRGTP-8 0.5-1 | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 811 mg/kg | J | MS %R above control limits. |
| | Selenium | 21 mg/kg | J | MS %R above control limits. |
| | Chromium | 47.6 mg/kg | J | MS %R below control limits. |
| | Silver | 3.0 mg/kg | UJ | MS %R below control limits. |
| | Mercury | <0.05 mg/kg | U | Blank contamination. |
| | Methylene Chloride | <24 ug/kg | U | Blank contamination. |
| NRGTP-8 4' | Arsenic | 8.3 mg/kg | U | Blank contamination. |
| | Barium | 3070 mg/kg | J | MS %R above control limits. |
| | Chromium | 11.2 mg/kg | J | MS %R below control limits. |

| Sample ID | Analyte(s) | Result | Qualifier | Reason(s) |
|---|---|---|---|---|
| | Selenium | 3.5 mg/kg | J | MS %R above control limits. |
| | Silver | 4.1 mg/kg | UJ | MS %R below control limits. |
| | Mercury | <0.05 mg/kg | U | Blank contamination. |
| | Methylene Chloride | <24 ug/kg | U | Blank contamination. |
| NRGTP-8 8' | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 348 mg/kg | J | MS %R above control limits. |
| | Chromium | 52.9 mg/kg | J | MS %R below control limits. |
| | Silver | 3.6 mg/kg | UJ | MS %R below control limits. |
| | Mercury | <0.05 mg/kg | U | Blank contamination. |
| NRGTP-9 0.5-1' | Methylene Chloride | <24 ug/kg | U | Blank contamination. |
| NRGTP-9 4' | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 42.7 mg/kg | J | MS %R above control limits. |
| | Chromium | 11.6 mg/kg | J | MS %R below control limits. |
| | Silver | 4.3 mg/kg | UJ | MS %R below control limits. |
| | Mercury | <0.05 mg/kg | U | Blank contamination. |
| NRGTP-9 8' | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 837 mg/kg | J | MS %R above control limits. |
| | Chromium | 9.4 mg/kg | J | MS %R below control limits. |
| | Silver | 5.1 mg/kg | UJ | MS %R below control limits. |
| NRGTP-10 0.5-1' | Arsenic | 11.7 mg/kg | J | MS %R above control limits. |
| | Barium | 264 mg/kg | J | MS %R above control limits. |
| | Chromium | 172 mg/kg | J | MS %R below control limits. |
| | Silver | 3.4 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.38 mg/kg | U | Blank contamination. |
| NRGTP-10 4' | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 159 mg/kg | J | MS %R above control limits. |
| | Chromium | 189 mg/kg | J | MS %R below control limits. |
| | Silver | 4.1 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.19 mg/kg | U | Blank contamination. |
| NRGTP-10 7' | Barium | 16.3 mg/kg | J | MS %R above control limits. |
| | Chromium | 2.0 mg/kg | J | MS %R below control limits. |
| | Silver | 3.6 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.051 mg/kg | U | Blank contamination. |
| | Methylene Chloride | <24 ug/kg | UJ | Blank contamination. |
| NRGTP-11 0.5' | Methylene Chloride | <23 ug/kg | UJ | Blank contamination. |
| NRGTP-11 4' | Acetone | <3300 ug/kg | U | Blank contamination. |
| | 4-Methylphenol | 4900 ug/kg | J | Surrogate recovery %R above control limits. |
| | 2,4-Dimethylphenol | 1200 ug/kg | J | Surrogate recovery %R above control limits. |
| | Phenol | 5800 ug/kg | J | Surrogate recovery %R above control limits. |
| NRGTP-11 8' | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 49.9 mg/kg | J | MS %R above control limits. |
| | Chromium | 91.7 mg/kg | J | MS %R below control limits. |
| | Silver | 3.1 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.30 mg/kg | U | Blank contamination. |
| | Methylene Chloride | 44 ug/kg | J | LCS %R above control limits. |
| | Butyl benzyl phthalate | 100 ug/kg | J | Continuing calibration %D above the control limit. |
| NRGTP-12 0.5 | Arsenic | 13.8 mg/kg | U | Blank contamination. |
| | Barium | 1190 mg/kg | J | MS %R above control limits. |
| | Chromium | 57.5 mg/kg | J | MS %R below control limits. |
| | Silver | 5.3 mg/kg | UJ | MS %R below control limits. |

| Sample ID | Analyte(s) | Result | Qualifier | Reason(s) |
|---|---|---|---|---|
| | Methylene Chloride | 47 ug/kg | J | LCS %R above control limits. |
| NRGTP-12 4' | Methylene Chloride | <34 ug/kg | U | Blank contamination. |
| NRGTP-13 0.5 | Arsenic | <8.0 mg/kg | U | Blank contamination. |
| | Barium | 119 mg/kg | J | MS %R above control limits. |
| | Chromium | 17.1 mg/kg | J | MS %R below control limits. |
| | Silver | 3.7 mg/kg | UJ | MS %R below control limits. |
| | Mercury | <0.05 mg/kg | U | Blank contamination. |
| | Methylene Chloride | <23 ug/kg | U | Blank contamination. |
| NRGTP-13 4' | Arsenic | 20.9 mg/kg | J | MS %R above control limits. |
| | Barium | 153 mg/kg | J | MS %R above control limits. |
| | Chromium | 535 mg/kg | J | MS %R below control limits. |
| | Silver | 3.3 mg/kg | UJ | MS %R below control limits. |
| | Mercury | 0.15 mg/kg | U | Blank contamination. |
| | Methylene Chloride | <23 ug/kg | U | Blank contamination. |
| NRGTP-13 8" | Methylene Chloride | <30 ug/kg | U | Blank contamination. |

VALIDATION PERFORMED BY: Anica McAdams

VALIDATION PERFORMED BY SIGNATURE: Anica McAdams

DATE: 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-4 0-1'**

Lab Sample ID: 220-978-2
Client Matrix: Solid
% Moisture: 6.3

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1326
Date Prepared: 03/07/2007 1326

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1223.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 21 | U | 3.4 | 21 |
| Benzene | | 5.3 | U | 0.92 | 5.3 |
| Bromodichloromethane | | 5.3 | U | 0.90 | 5.3 |
| Bromoform | | 5.3 | U | 1.1 | 5.3 |
| Bromomethane | | 5.3 | U | 0.88 | 5.3 |
| 2-Butanone (MEK) | | 11 | U | 1.9 | 11 |
| Carbon disulfide | | 5.3 | U | 0.65 | 5.3 |
| Carbon tetrachloride | | 5.3 | U | 0.83 | 5.3 |
| Chlorobenzene | | 5.3 | U | 0.84 | 5.3 |
| Chloroethane | | 5.3 | U | 2.0 | 5.3 |
| Chloroform | | 5.3 | U | 0.57 | 5.3 |
| Chloromethane | | 5.3 | U | 0.96 | 5.3 |
| Dibromochloromethane | | 5.3 | U | 0.44 | 5.3 |
| 1,1-Dichloroethane | | 5.3 | U | 0.86 | 5.3 |
| 1,2-Dichloroethane | | 5.3 | U | 1.1 | 5.3 |
| 1,1-Dichloroethene | | 5.3 | U | 1.2 | 5.3 |
| 1,2-Dichloropropane | | 5.3 | U | 1.1 | 5.3 |
| cis-1,3-Dichloropropene | | 5.3 | U | 0.83 | 5.3 |
| trans-1,3-Dichloropropene | | 5.3 | U | 0.98 | 5.3 |
| Ethylbenzene | | 5.3 | U | 0.84 | 5.3 |
| 2-Hexanone | | 11 | U | 2.7 | 11 |
| Methylene Chloride | 21 | ~~8.1~~ | ~~J*B~~ U | 2.4 | 21 |
| 4-Methyl-2-pentanone (MIBK) | | 5.3 | U | 1.3 | 5.3 |
| Styrene | | 5.3 | U | 1.1 | 5.3 |
| 1,1,2,2-Tetrachloroethane | | 5.3 | U | 1.3 | 5.3 |
| Tetrachloroethene | | 5.3 | U | 0.75 | 5.3 |
| Toluene | | 5.3 | U | 0.90 | 5.3 |
| 1,1,1-Trichloroethane | | 5.3 | U | 0.90 | 5.3 |
| 1,1,2-Trichloroethane | | 5.3 | U | 1.1 | 5.3 |
| Trichloroethene | | 5.3 | U | 0.73 | 5.3 |
| Vinyl chloride | | 5.3 | U | 0.93 | 5.3 |
| Xylenes, Total | | 5.3 | U | 2.1 | 5.3 |
| cis-1,2-Dichloroethene | | 5.3 | U | 1.1 | 5.3 |
| trans-1,2-Dichloroethene | | 5.3 | U | 0.62 | 5.3 |

arm 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 115 | 49 - 134 |
| 4-Bromofluorobenzene | 105 | 36 - 133 |
| Dibromofluoromethane | 100 | 60 - 130 |
| Toluene-d8 (Surr) | 95 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-4 8'**

Lab Sample ID: 220-978-3
Client Matrix: Solid
% Moisture: 15.0

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1352
Date Prepared: 03/07/2007 1352

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1224.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 7.5 | J | 3.7 | 24 |
| Benzene | | 5.9 | U | 1.0 | 5.9 |
| Bromodichloromethane | | 5.9 | U | 0.99 | 5.9 |
| Bromoform | | 5.9 | U | 1.2 | 5.9 |
| Bromomethane | | 5.9 | U | 0.96 | 5.9 |
| 2-Butanone (MEK) | | 12 | U | 2.1 | 12 |
| Carbon disulfide | | 5.9 | U | 0.72 | 5.9 |
| Carbon tetrachloride | | 5.9 | U | 0.92 | 5.9 |
| Chlorobenzene | | 5.9 | U | 0.93 | 5.9 |
| Chloroethane | | 5.9 | U | 2.2 | 5.9 |
| Chloroform | | 5.9 | U | 0.62 | 5.9 |
| Chloromethane | | 5.9 | U | 1.1 | 5.9 |
| Dibromochloromethane | | 5.9 | U | 0.48 | 5.9 |
| 1,1-Dichloroethane | | 5.9 | U | 0.95 | 5.9 |
| 1,2-Dichloroethane | | 5.9 | U | 1.2 | 5.9 |
| 1,1-Dichloroethene | | 5.9 | U | 1.3 | 5.9 |
| 1,2-Dichloropropane | | 5.9 | U | 1.2 | 5.9 |
| cis-1,3-Dichloropropene | | 5.9 | U | 0.92 | 5.9 |
| trans-1,3-Dichloropropene | | 5.9 | U | 1.1 | 5.9 |
| Ethylbenzene | | 5.9 | U | 0.93 | 5.9 |
| 2-Hexanone | | 12 | U | 3.0 | 12 |
| Methylene Chloride | | 24 ~~8.6~~ | ~~J*B~~ U | 2.6 | 24 |
| 4-Methyl-2-pentanone (MIBK) | | 5.9 | U | 1.4 | 5.9 |
| Styrene | | 5.9 | U | 1.2 | 5.9 |
| 1,1,2,2-Tetrachloroethane | | 5.9 | U | 1.4 | 5.9 |
| Tetrachloroethene | | 5.9 | U | 0.82 | 5.9 |
| Toluene | | 5.9 | U | 0.99 | 5.9 |
| 1,1,1-Trichloroethane | | 5.9 | U | 0.99 | 5.9 |
| 1,1,2-Trichloroethane | | 5.9 | U | 1.2 | 5.9 |
| Trichloroethene | | 5.9 | U | 0.80 | 5.9 |
| Vinyl chloride | | 5.9 | U | 1.0 | 5.9 |
| Xylenes, Total | | 5.9 | U | 2.3 | 5.9 |
| cis-1,2-Dichloroethene | | 5.9 | U | 1.2 | 5.9 |
| trans-1,2-Dichloroethene | | 5.9 | U | 0.68 | 5.9 |

ACM 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 111 | 49 - 134 |
| 4-Bromofluorobenzene | 99 | 36 - 133 |
| Dibromofluoromethane | 102 | 60 - 130 |
| Toluene-d8 (Surr) | 93 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-5 0-1'**

Lab Sample ID: 220-978-4
Client Matrix: Solid
% Moisture: 18.9

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1417
Date Prepared: 03/07/2007 1417

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1225.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 25 | U | 3.9 | 25 |
| Benzene | | 6.2 | U | 1.1 | 6.2 |
| Bromodichloromethane | | 6.2 | U | 1.0 | 6.2 |
| Bromoform | | 6.2 | U | 1.2 | 6.2 |
| Bromomethane | | 6.2 | U | 1.0 | 6.2 |
| 2-Butanone (MEK) | | 12 | U | 2.2 | 12 |
| Carbon disulfide | | 6.2 | U | 0.75 | 6.2 |
| Carbon tetrachloride | | 6.2 | U | 0.96 | 6.2 |
| Chlorobenzene | | 6.2 | U | 0.97 | 6.2 |
| Chloroethane | | 6.2 | U | 2.3 | 6.2 |
| Chloroform | | 6.2 | U | 0.65 | 6.2 |
| Chloromethane | | 6.2 | U | 1.1 | 6.2 |
| Dibromochloromethane | | 6.2 | U | 0.51 | 6.2 |
| 1,1-Dichloroethane | | 6.2 | U | 1.0 | 6.2 |
| 1,2-Dichloroethane | | 6.2 | U | 1.2 | 6.2 |
| 1,1-Dichloroethene | | 6.2 | U | 1.3 | 6.2 |
| 1,2-Dichloropropane | | 6.2 | U | 1.3 | 6.2 |
| cis-1,3-Dichloropropene | | 6.2 | U | 0.96 | 6.2 |
| trans-1,3-Dichloropropene | | 6.2 | U | 1.1 | 6.2 |
| Ethylbenzene | | 6.2 | U | 0.97 | 6.2 |
| 2-Hexanone | | 12 | U | 3.1 | 12 |
| Methylene Chloride | | 25 ~~11~~ | ~~J*B~~ U | 2.7 | 25 |
| 4-Methyl-2-pentanone (MIBK) | | 6.2 | U | 1.5 | 6.2 |
| Styrene | | 6.2 | U | 1.3 | 6.2 |
| 1,1,2,2-Tetrachloroethane | | 6.2 | U | 1.5 | 6.2 |
| Tetrachloroethene | | 6.2 | U | 0.86 | 6.2 |
| Toluene | | 6.2 | U | 1.0 | 6.2 |
| 1,1,1-Trichloroethane | | 6.2 | U | 1.0 | 6.2 |
| 1,1,2-Trichloroethane | | 6.2 | U | 1.3 | 6.2 |
| Trichloroethene | | 6.2 | U | 0.84 | 6.2 |
| Vinyl chloride | | 6.2 | U | 1.1 | 6.2 |
| Xylenes, Total | | 6.2 | U | 2.4 | 6.2 |
| cis-1,2-Dichloroethene | | 6.2 | U | 1.3 | 6.2 |
| trans-1,2-Dichloroethene | | 6.2 | U | 0.72 | 6.2 |

CWM 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 116 | 49 - 134 |
| 4-Bromofluorobenzene | 104 | 36 - 133 |
| Dibromofluoromethane | 110 | 60 - 130 |
| Toluene-d8 (Surr) | 96 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-5 5'**

Lab Sample ID: 220-978-5
Client Matrix: Solid
% Moisture: 31.4

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1443
Date Prepared: 03/07/2007 1443

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1226.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 29 | U | 4.6 | 29 |
| Benzene | | 7.3 | U | 1.3 | 7.3 |
| Bromodichloromethane | | 7.3 | U | 1.2 | 7.3 |
| Bromoform | | 7.3 | U | 1.4 | 7.3 |
| Bromomethane | | 7.3 | U | 1.2 | 7.3 |
| 2-Butanone (MEK) | | 15 | U | 2.6 | 15 |
| Carbon disulfide | | 7.3 | U | 0.89 | 7.3 |
| Carbon tetrachloride | | 7.3 | U | 1.1 | 7.3 |
| Chlorobenzene | | 7.3 | U | 1.2 | 7.3 |
| Chloroethane | | 7.3 | U | 2.8 | 7.3 |
| Chloroform | | 7.3 | U | 0.77 | 7.3 |
| Chloromethane | | 7.3 | U | 1.3 | 7.3 |
| Dibromochloromethane | | 7.3 | U | 0.60 | 7.3 |
| 1,1-Dichloroethane | | 7.3 | U | 1.2 | 7.3 |
| 1,2-Dichloroethane | | 7.3 | U | 1.4 | 7.3 |
| 1,1-Dichloroethene | | 7.3 | U | 1.6 | 7.3 |
| 1,2-Dichloropropane | | 7.3 | U | 1.5 | 7.3 |
| cis-1,3-Dichloropropene | | 7.3 | U | 1.1 | 7.3 |
| trans-1,3-Dichloropropene | | 7.3 | U | 1.3 | 7.3 |
| Ethylbenzene | | 7.3 | U | 1.2 | 7.3 |
| 2-Hexanone | | 15 | U | 3.7 | 15 |
| Methylene Chloride | | 29 ~~8.8~~ | ~~J*B~~ U | 3.2 | 29 |
| 4-Methyl-2-pentanone (MIBK) | | 7.3 | U | 1.7 | 7.3 |
| Styrene | | 7.3 | U | 1.5 | 7.3 |
| 1,1,2,2-Tetrachloroethane | | 7.3 | U | 1.8 | 7.3 |
| Tetrachloroethene | | 7.3 | U | 1.0 | 7.3 |
| Toluene | | 7.3 | U | 1.2 | 7.3 |
| 1,1,1-Trichloroethane | | 7.3 | U | 1.2 | 7.3 |
| 1,1,2-Trichloroethane | | 7.3 | U | 1.5 | 7.3 |
| Trichloroethene | | 7.3 | U | 0.99 | 7.3 |
| Vinyl chloride | | 7.3 | U | 1.3 | 7.3 |
| Xylenes, Total | | 7.3 | U | 2.9 | 7.3 |
| cis-1,2-Dichloroethene | | 7.3 | U | 1.5 | 7.3 |
| trans-1,2-Dichloroethene | | 7.3 | U | 0.85 | 7.3 |

arm 4/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 116 | 49 - 134 |
| 4-Bromofluorobenzene | 92 | 36 - 133 |
| Dibromofluoromethane | 104 | 60 - 130 |
| Toluene-d8 (Surr) | 91 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-6 6-8'**

Lab Sample ID: 220-978-6
Client Matrix: Solid

% Moisture: 10.3

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1509
Date Prepared: 03/07/2007 1509

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1227.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 88 | | 3.5 | 22 |
| Benzene | | 5.6 | U | 0.96 | 5.6 |
| Bromodichloromethane | | 5.6 | U | 0.94 | 5.6 |
| Bromoform | | 5.6 | U | 1.1 | 5.6 |
| Bromomethane | | 5.6 | U | 0.91 | 5.6 |
| 2-Butanone (MEK) | | 11 | U | 2.0 | 11 |
| Carbon disulfide | | 1.7 | J | 0.68 | 5.6 |
| Carbon tetrachloride | | 5.6 | U | 0.87 | 5.6 |
| Chlorobenzene | | 5.6 | U | 0.88 | 5.6 |
| Chloroethane | | 5.6 | U | 2.1 | 5.6 |
| Chloroform | | 5.6 | U | 0.59 | 5.6 |
| Chloromethane | | 5.6 | U | 1.0 | 5.6 |
| Dibromochloromethane | | 5.6 | U | 0.46 | 5.6 |
| 1,1-Dichloroethane | | 5.6 | U | 0.90 | 5.6 |
| 1,2-Dichloroethane | | 5.6 | U | 1.1 | 5.6 |
| 1,1-Dichloroethene | | 5.6 | U | 1.2 | 5.6 |
| 1,2-Dichloropropane | | 5.6 | U | 1.2 | 5.6 |
| cis-1,3-Dichloropropene | | 5.6 | U | 0.87 | 5.6 |
| trans-1,3-Dichloropropene | | 5.6 | U | 1.0 | 5.6 |
| Ethylbenzene | | 0.98 | J | 0.88 | 5.6 |
| 2-Hexanone | | 11 | U | 2.8 | 11 |
| Methylene Chloride | | 22 ~~8.0~~ | ~~J*B~~ U | 2.5 | 22 |
| 4-Methyl-2-pentanone (MIBK) | | 5.6 | U | 1.3 | 5.6 |
| Styrene | | 5.6 | U | 1.2 | 5.6 |
| 1,1,2,2-Tetrachloroethane | | 5.6 | U | 1.3 | 5.6 |
| Tetrachloroethene | | 5.6 | U | 0.78 | 5.6 |
| Toluene | | 5.6 | U | 0.94 | 5.6 |
| 1,1,1-Trichloroethane | | 5.6 | U | 0.94 | 5.6 |
| 1,1,2-Trichloroethane | | 5.6 | U | 1.2 | 5.6 |
| Trichloroethene | | 5.6 | U | 0.76 | 5.6 |
| Vinyl chloride | | 5.6 | U | 0.97 | 5.6 |
| Xylenes, Total | | 4.5 | J | 2.2 | 5.6 |
| cis-1,2-Dichloroethene | | 5.6 | U | 1.2 | 5.6 |
| trans-1,2-Dichloroethene | | 5.6 | U | 0.65 | 5.6 |

arm 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 123 | 49 - 134 |
| 4-Bromofluorobenzene | 106 | 36 - 133 |
| Dibromofluoromethane | 106 | 60 - 130 |
| Toluene-d8 (Surr) | 90 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-8 0.5-1'**

Lab Sample ID: 220-978-9
Client Matrix: Solid
% Moisture: 15.1
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1534
Date Prepared: 03/07/2007 1534

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1228.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 24 | U | 3.7 | 24 |
| Benzene | | 5.9 | U | 1.0 | 5.9 |
| Bromodichloromethane | | 5.9 | U | 0.99 | 5.9 |
| Bromoform | | 5.9 | U | 1.2 | 5.9 |
| Bromomethane | | 5.9 | U | 0.97 | 5.9 |
| 2-Butanone (MEK) | | 12 | U | 2.1 | 12 |
| Carbon disulfide | | 5.9 | U | 0.72 | 5.9 |
| Carbon tetrachloride | | 5.9 | U | 0.92 | 5.9 |
| Chlorobenzene | | 5.9 | U | 0.93 | 5.9 |
| Chloroethane | | 5.9 | U | 2.2 | 5.9 |
| Chloroform | | 5.9 | U | 0.62 | 5.9 |
| Chloromethane | | 5.9 | U | 1.1 | 5.9 |
| Dibromochloromethane | | 5.9 | U | 0.48 | 5.9 |
| 1,1-Dichloroethane | | 5.9 | U | 0.95 | 5.9 |
| 1,2-Dichloroethane | | 5.9 | U | 1.2 | 5.9 |
| 1,1-Dichloroethene | | 5.9 | U | 1.3 | 5.9 |
| 1,2-Dichloropropane | | 5.9 | U | 1.2 | 5.9 |
| cis-1,3-Dichloropropene | | 5.9 | U | 0.92 | 5.9 |
| trans-1,3-Dichloropropene | | 5.9 | U | 1.1 | 5.9 |
| Ethylbenzene | | 5.9 | U | 0.93 | 5.9 |
| 2-Hexanone | | 12 | U | 3.0 | 12 |
| Methylene Chloride | | 24 ~~11~~ | ~~J*B~~ U | 2.6 | 24 |
| 4-Methyl-2-pentanone (MIBK) | | 5.9 | U | 1.4 | 5.9 |
| Styrene | | 5.9 | U | 1.2 | 5.9 |
| 1,1,2,2-Tetrachloroethane | | 5.9 | U | 1.4 | 5.9 |
| Tetrachloroethene | | 5.9 | U | 0.82 | 5.9 |
| Toluene | | 5.9 | U | 0.99 | 5.9 |
| 1,1,1-Trichloroethane | | 5.9 | U | 0.99 | 5.9 |
| 1,1,2-Trichloroethane | | 5.9 | U | 1.2 | 5.9 |
| Trichloroethene | | 5.9 | U | 0.80 | 5.9 |
| Vinyl chloride | | 5.9 | U | 1.0 | 5.9 |
| Xylenes, Total | | 5.9 | U | 2.3 | 5.9 |
| cis-1,2-Dichloroethene | | 5.9 | U | 1.2 | 5.9 |
| trans-1,2-Dichloroethene | | 5.9 | U | 0.68 | 5.9 |

arm 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 117 | 49 - 134 |
| 4-Bromofluorobenzene | 102 | 36 - 133 |
| Dibromofluoromethane | 110 | 60 - 130 |
| Toluene-d8 (Surr) | 96 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-8 4'**

Lab Sample ID: 220-978-10
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1600
Date Prepared: 03/07/2007 1600

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1229.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 24 | U | 3.7 | 24 |
| Benzene | | 5.9 | U | 1.0 | 5.9 |
| Bromodichloromethane | | 5.9 | U | 1.0 | 5.9 |
| Bromoform | | 5.9 | U | 1.2 | 5.9 |
| Bromomethane | | 5.9 | U | 0.97 | 5.9 |
| 2-Butanone (MEK) | | 12 | U | 2.1 | 12 |
| Carbon disulfide | | 5.9 | U | 0.72 | 5.9 |
| Carbon tetrachloride | | 5.9 | U | 0.92 | 5.9 |
| Chlorobenzene | | 5.9 | U | 0.94 | 5.9 |
| Chloroethane | | 5.9 | U | 2.2 | 5.9 |
| Chloroform | | 5.9 | U | 0.63 | 5.9 |
| Chloromethane | | 5.9 | U | 1.1 | 5.9 |
| Dibromochloromethane | | 5.9 | U | 0.49 | 5.9 |
| 1,1-Dichloroethane | | 5.9 | U | 0.96 | 5.9 |
| 1,2-Dichloroethane | | 5.9 | U | 1.2 | 5.9 |
| 1,1-Dichloroethene | | 5.9 | U | 1.3 | 5.9 |
| 1,2-Dichloropropane | | 5.9 | U | 1.3 | 5.9 |
| cis-1,3-Dichloropropene | | 5.9 | U | 0.92 | 5.9 |
| trans-1,3-Dichloropropene | | 5.9 | U | 1.1 | 5.9 |
| Ethylbenzene | | 5.9 | U | 0.94 | 5.9 |
| 2-Hexanone | | 12 | U | 3.0 | 12 |
| Methylene Chloride | 24 | ~~12~~ | ~~J*B~~ U | 2.6 | 24 |
| 4-Methyl-2-pentanone (MIBK) | | 5.9 | U | 1.4 | 5.9 |
| Styrene | | 5.9 | U | 1.3 | 5.9 |
| 1,1,2,2-Tetrachloroethane | | 5.9 | U | 1.4 | 5.9 |
| Tetrachloroethene | | 5.9 | U | 0.83 | 5.9 |
| Toluene | | 5.9 | U | 1.0 | 5.9 |
| 1,1,1-Trichloroethane | | 5.9 | U | 1.0 | 5.9 |
| 1,1,2-Trichloroethane | | 5.9 | U | 1.2 | 5.9 |
| Trichloroethene | | 5.9 | U | 0.81 | 5.9 |
| Vinyl chloride | | 5.9 | U | 1.0 | 5.9 |
| Xylenes, Total | | 5.9 | U | 2.3 | 5.9 |
| cis-1,2-Dichloroethene | | 5.9 | U | 1.2 | 5.9 |
| trans-1,2-Dichloroethene | | 5.9 | U | 0.69 | 5.9 |

akm 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 116 | 49 - 134 |
| 4-Bromofluorobenzene | 99 | 36 - 133 |
| Dibromofluoromethane | 110 | 60 - 130 |
| Toluene-d8 (Surr) | 95 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-9 0.5-1'**

Lab Sample ID: 220-978-12
Client Matrix: Solid
% Moisture: 17.4
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1625
Date Prepared: 03/07/2007 1625

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1230.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 24 | U | 3.8 | 24 |
| Benzene | | 6.1 | U | 1.0 | 6.1 |
| Bromodichloromethane | | 6.1 | U | 1.0 | 6.1 |
| Bromoform | | 6.1 | U | 1.2 | 6.1 |
| Bromomethane | | 6.1 | U | 0.99 | 6.1 |
| 2-Butanone (MEK) | | 12 | U | 2.2 | 12 |
| Carbon disulfide | | 6.1 | U | 0.74 | 6.1 |
| Carbon tetrachloride | | 6.1 | U | 0.94 | 6.1 |
| Chlorobenzene | | 6.1 | U | 0.96 | 6.1 |
| Chloroethane | | 6.1 | U | 2.3 | 6.1 |
| Chloroform | | 6.1 | U | 0.64 | 6.1 |
| Chloromethane | | 6.1 | U | 1.1 | 6.1 |
| Dibromochloromethane | | 6.1 | U | 0.50 | 6.1 |
| 1,1-Dichloroethane | | 6.1 | U | 0.98 | 6.1 |
| 1,2-Dichloroethane | | 6.1 | U | 1.2 | 6.1 |
| 1,1-Dichloroethene | | 6.1 | U | 1.3 | 6.1 |
| 1,2-Dichloropropane | | 6.1 | U | 1.3 | 6.1 |
| cis-1,3-Dichloropropene | | 6.1 | U | 0.94 | 6.1 |
| trans-1,3-Dichloropropene | | 6.1 | U | 1.1 | 6.1 |
| Ethylbenzene | | 6.1 | U | 0.96 | 6.1 |
| 2-Hexanone | | 12 | U | 3.1 | 12 |
| Methylene Chloride | 24 | ~~12~~ | ~~J*B~~ U | 2.7 | 24 |
| 4-Methyl-2-pentanone (MIBK) | | 6.1 | U | 1.4 | 6.1 |
| Styrene | | 6.1 | U | 1.3 | 6.1 |
| 1,1,2,2-Tetrachloroethane | | 6.1 | U | 1.5 | 6.1 |
| Tetrachloroethene | | 6.1 | U | 0.85 | 6.1 |
| Toluene | | 6.1 | U | 1.0 | 6.1 |
| 1,1,1-Trichloroethane | | 6.1 | U | 1.0 | 6.1 |
| 1,1,2-Trichloroethane | | 6.1 | U | 1.3 | 6.1 |
| Trichloroethene | | 6.1 | U | 0.82 | 6.1 |
| Vinyl chloride | | 6.1 | U | 1.1 | 6.1 |
| Xylenes, Total | | 6.1 | U | 2.4 | 6.1 |
| cis-1,2-Dichloroethene | | 6.1 | U | 1.3 | 6.1 |
| trans-1,2-Dichloroethene | | 6.1 | U | 0.70 | 6.1 |

arm 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 101 | 49 - 134 |
| 4-Bromofluorobenzene | 90 | 36 - 133 |
| Dibromofluoromethane | 92 | 60 - 130 |
| Toluene-d8 (Surr) | 77 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-10 7'**

Lab Sample ID: 220-978-17
Client Matrix: Solid

% Moisture: 15.6

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1651
Date Prepared: 03/07/2007 1651

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1231.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 4.7 | J | 3.7 | 24 |
| Benzene | | 5.9 | U | 1.0 | 5.9 |
| Bromodichloromethane | | 5.9 | U | 1.0 | 5.9 |
| Bromoform | | 5.9 | U | 1.2 | 5.9 |
| Bromomethane | | 5.9 | U | 0.97 | 5.9 |
| 2-Butanone (MEK) | | 12 | U | 2.1 | 12 |
| Carbon disulfide | | 5.9 | U | 0.72 | 5.9 |
| Carbon tetrachloride | | 5.9 | U | 0.92 | 5.9 |
| Chlorobenzene | | 5.9 | U | 0.94 | 5.9 |
| Chloroethane | | 5.9 | U | 2.2 | 5.9 |
| Chloroform | | 5.9 | U | 0.63 | 5.9 |
| Chloromethane | | 5.9 | U | 1.1 | 5.9 |
| Dibromochloromethane | | 5.9 | U | 0.49 | 5.9 |
| 1,1-Dichloroethane | | 5.9 | U | 0.96 | 5.9 |
| 1,2-Dichloroethane | | 5.9 | U | 1.2 | 5.9 |
| 1,1-Dichloroethene | | 5.9 | U | 1.3 | 5.9 |
| 1,2-Dichloropropane | | 5.9 | U | 1.3 | 5.9 |
| cis-1,3-Dichloropropene | | 5.9 | U | 0.92 | 5.9 |
| trans-1,3-Dichloropropene | | 5.9 | U | 1.1 | 5.9 |
| Ethylbenzene | | 5.9 | U | 0.94 | 5.9 |
| 2-Hexanone | | 12 | U | 3.0 | 12 |
| Methylene Chloride | | 24 ~~12~~ | ~~J*B~~ U | 2.6 | 24 |
| 4-Methyl-2-pentanone (MIBK) | | 5.9 | U | 1.4 | 5.9 |
| Styrene | | 5.9 | U | 1.3 | 5.9 |
| 1,1,2,2-Tetrachloroethane | | 5.9 | U | 1.4 | 5.9 |
| Tetrachloroethene | | 5.9 | U | 0.83 | 5.9 |
| Toluene | | 5.9 | U | 1.0 | 5.9 |
| 1,1,1-Trichloroethane | | 5.9 | U | 1.0 | 5.9 |
| 1,1,2-Trichloroethane | | 5.9 | U | 1.2 | 5.9 |
| Trichloroethene | | 5.9 | U | 0.81 | 5.9 |
| Vinyl chloride | | 5.9 | U | 1.0 | 5.9 |
| Xylenes, Total | | 5.9 | U | 2.3 | 5.9 |
| cis-1,2-Dichloroethene | | 5.9 | U | 1.2 | 5.9 |
| trans-1,2-Dichloroethene | | 5.9 | U | 0.69 | 5.9 |

aem 4/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 114 | 49 - 134 |
| 4-Bromofluorobenzene | 93 | 36 - 133 |
| Dibromofluoromethane | 101 | 60 - 130 |
| Toluene-d8 (Surr) | 91 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 0.5'**

Lab Sample ID: 220-978-18
Client Matrix: Solid

% Moisture: 11.5

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1716
Date Prepared: 03/07/2007 1716

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1232.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 23 | U | 3.6 | 23 |
| Benzene | | 5.6 | U | 0.97 | 5.6 |
| Bromodichloromethane | | 5.6 | U | 0.95 | 5.6 |
| Bromoform | | 5.6 | U | 1.1 | 5.6 |
| Bromomethane | | 5.6 | U | 0.93 | 5.6 |
| 2-Butanone (MEK) | | 11 | U | 2.0 | 11 |
| Carbon disulfide | | 5.6 | U | 0.69 | 5.6 |
| Carbon tetrachloride | | 5.6 | U | 0.88 | 5.6 |
| Chlorobenzene | | 5.6 | U | 0.89 | 5.6 |
| Chloroethane | | 5.6 | U | 2.1 | 5.6 |
| Chloroform | | 5.6 | U | 0.60 | 5.6 |
| Chloromethane | | 5.6 | U | 1.0 | 5.6 |
| Dibromochloromethane | | 5.6 | U | 0.46 | 5.6 |
| 1,1-Dichloroethane | | 5.6 | U | 0.91 | 5.6 |
| 1,2-Dichloroethane | | 5.6 | U | 1.1 | 5.6 |
| 1,1-Dichloroethene | | 5.6 | U | 1.2 | 5.6 |
| 1,2-Dichloropropane | | 5.6 | U | 1.2 | 5.6 |
| cis-1,3-Dichloropropene | | 5.6 | U | 0.88 | 5.6 |
| trans-1,3-Dichloropropene | | 5.6 | U | 1.0 | 5.6 |
| Ethylbenzene | | 5.6 | U | 0.89 | 5.6 |
| 2-Hexanone | | 11 | U | 2.9 | 11 |
| Methylene Chloride | | 23 ~~9.0~~ | ~~J*B~~ U | 2.5 | 23 |
| 4-Methyl-2-pentanone (MIBK) | | 5.6 | U | 1.3 | 5.6 |
| Styrene | | 5.6 | U | 1.2 | 5.6 |
| 1,1,2,2-Tetrachloroethane | | 5.6 | U | 1.4 | 5.6 |
| Tetrachloroethene | | 5.6 | U | 0.79 | 5.6 |
| Toluene | | 5.6 | U | 0.95 | 5.6 |
| 1,1,1-Trichloroethane | | 5.6 | U | 0.95 | 5.6 |
| 1,1,2-Trichloroethane | | 5.6 | U | 1.2 | 5.6 |
| Trichloroethene | | 5.6 | U | 0.77 | 5.6 |
| Vinyl chloride | | 5.6 | U | 0.98 | 5.6 |
| Xylenes, Total | | 5.6 | U | 2.2 | 5.6 |
| cis-1,2-Dichloroethene | | 5.6 | U | 1.2 | 5.6 |
| trans-1,2-Dichloroethene | | 5.6 | U | 0.66 | 5.6 |

arm 4/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 112 | 49 - 134 |
| 4-Bromofluorobenzene | 102 | 36 - 133 |
| Dibromofluoromethane | 99 | 60 - 130 |
| Toluene-d8 (Surr) | 91 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 4'**

Lab Sample ID: 220-978-19
Client Matrix: Solid
% Moisture: 12.1

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/13/2007 0054
Date Prepared: 03/08/2007 1424

Analysis Batch: 220-4248
Prep Batch: 220-4121

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L7023.D
Initial Weight/Volume: 5.03 g
Final Weight/Volume: 10 ml

Dm 3/24/07

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 3300 | ~~B~~ U | 160 | 1400 |
| Benzene | | 91 | J | 45 | 570 |
| Bromodichloromethane | | 570 | U | 45 | 570 |
| Bromoform | | 570 | U | 90 | 570 |
| Bromomethane | | 570 | U | 140 | 570 |
| 2-Butanone (MEK) | | 570 | U | 140 | 570 |
| Carbon disulfide | | 570 | U | 100 | 570 |
| Carbon tetrachloride | | 570 | U | 110 | 570 |
| Chlorobenzene | | 570 | U | 45 | 570 |
| Chloroethane | | 570 | U | 90 | 570 |
| Chloroform | | 570 | U | 79 | 570 |
| Chloromethane | | 570 | U | 57 | 570 |
| Dibromochloromethane | | 570 | U | 57 | 570 |
| 1,1-Dichloroethane | | 570 | U | 68 | 570 |
| 1,2-Dichloroethane | | 570 | U | 68 | 570 |
| 1,1-Dichloroethene | | 570 | U | 79 | 570 |
| 1,2-Dichloropropane | | 570 | U | 100 | 570 |
| cis-1,3-Dichloropropene | | 570 | U | 57 | 570 |
| trans-1,3-Dichloropropene | | 570 | U | 34 | 570 |
| Ethylbenzene | | 2200 | | 110 | 570 |
| 2-Hexanone | | 570 | U | 90 | 570 |
| Methylene Chloride | | 570 | U | 45 | 570 |
| 4-Methyl-2-pentanone (MIBK) | | 570 | U | 79 | 570 |
| Styrene | | 570 | U | 57 | 570 |
| 1,1,2,2-Tetrachloroethane | | 570 | U | 45 | 570 |
| Tetrachloroethene | | 480 | J | 57 | 570 |
| Toluene | | 1700 | | 34 | 570 |
| 1,1,1-Trichloroethane | | 570 | U | 45 | 570 |
| 1,1,2-Trichloroethane | | 570 | U | 68 | 570 |
| Trichloroethene | | 570 | U | 79 | 570 |
| Vinyl chloride | | 570 | U | 90 | 570 |
| Xylenes, Total | | 8800 | | 110 | 570 |
| cis-1,2-Dichloroethene | | 900 | | 68 | 570 |
| trans-1,2-Dichloroethene | | 570 | U | 57 | 570 |

ARM 4/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 104 | 49 - 134 |
| 4-Bromofluorobenzene | 117 | 36 - 133 |
| Dibromofluoromethane | 99 | 60 - 130 |
| Toluene-d8 (Surr) | 113 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 8'**

Lab Sample ID: 220-978-20
Client Matrix: Solid
% Moisture: 18.2

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 03/07/2007 1807
Date Prepared: 03/07/2007 1807

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1234.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 73 | J | 19 | 120 |
| Benzene | | 31 | U | 5.3 | 31 |
| Bromodichloromethane | | 31 | U | 5.1 | 31 |
| Bromoform | | 31 | U | 6.1 | 31 |
| Bromomethane | | 31 | U | 5.0 | 31 |
| 2-Butanone (MEK) | | 61 | U | 11 | 61 |
| Carbon disulfide | | 31 | U | 3.7 | 31 |
| Carbon tetrachloride | | 31 | U | 4.8 | 31 |
| Chlorobenzene | | 31 | U | 4.8 | 31 |
| Chloroethane | | 31 | U | 12 | 31 |
| Chloroform | | 31 | U | 3.2 | 31 |
| Chloromethane | | 31 | U | 5.5 | 31 |
| Dibromochloromethane | | 31 | U | 2.5 | 31 |
| 1,1-Dichloroethane | | 31 | U | 5.0 | 31 |
| 1,2-Dichloroethane | | 31 | U | 6.1 | 31 |
| 1,1-Dichloroethene | | 31 | U | 6.7 | 31 |
| 1,2-Dichloropropane | | 31 | U | 6.5 | 31 |
| cis-1,3-Dichloropropene | | 31 | U | 4.8 | 31 |
| trans-1,3-Dichloropropene | | 31 | U | 5.6 | 31 |
| Ethylbenzene | | 71 | | 4.8 | 31 |
| 2-Hexanone | | 61 | U | 15 | 61 |
| Methylene Chloride | | 44 | ~~J+B~~ J | 14 | 120 |
| 4-Methyl-2-pentanone (MIBK) | | 31 | U | 7.2 | 31 |
| Styrene | | 31 | U | 6.5 | 31 |
| 1,1,2,2-Tetrachloroethane | | 31 | U | 7.4 | 31 |
| Tetrachloroethene | | 31 | U | 4.3 | 31 |
| Toluene | | 31 | U | 5.1 | 31 |
| 1,1,1-Trichloroethane | | 31 | U | 5.1 | 31 |
| 1,1,2-Trichloroethane | | 31 | U | 6.4 | 31 |
| Trichloroethene | | 31 | U | 4.2 | 31 |
| Vinyl chloride | | 31 | U | 5.3 | 31 |
| Xylenes, Total | | 47 | | 12 | 31 |
| cis-1,2-Dichloroethene | | 31 | U | 6.4 | 31 |
| trans-1,2-Dichloroethene | | 31 | U | 3.5 | 31 |

ARM 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 104 | 49 - 134 |
| 4-Bromofluorobenzene | 121 | 36 - 133 |
| Dibromofluoromethane | 100 | 60 - 130 |
| Toluene-d8 (Surr) | 96 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-12 0.5'**

Lab Sample ID: 220-978-21
Client Matrix: Solid
% Moisture: 42.2

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 5.0
Date Analyzed: 03/08/2007 1257
Date Prepared: 03/08/2007 1257

Analysis Batch: 220-4124

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1252.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 100 | J | 27 | 170 |
| Benzene | | 43 | U | 7.4 | 43 |
| Bromodichloromethane | | 43 | U | 7.3 | 43 |
| Bromoform | | 43 | U | 8.6 | 43 |
| Bromomethane | | 43 | U | 7.1 | 43 |
| 2-Butanone (MEK) | | 86 | U | 15 | 86 |
| Carbon disulfide | | 43 | U | 5.3 | 43 |
| Carbon tetrachloride | | 43 | U | 6.7 | 43 |
| Chlorobenzene | | 43 | U | 6.8 | 43 |
| Chloroethane | | 43 | U | 16 | 43 |
| Chloroform | | 43 | U | 4.6 | 43 |
| Chloromethane | | 43 | U * | 7.8 | 43 |
| Dibromochloromethane | | 43 | U | 3.5 | 43 |
| 1,1-Dichloroethane | | 43 | U | 7.0 | 43 |
| 1,2-Dichloroethane | | 43 | U | 8.6 | 43 |
| 1,1-Dichloroethene | | 43 | U | 9.4 | 43 |
| 1,2-Dichloropropane | | 43 | U | 9.2 | 43 |
| cis-1,3-Dichloropropene | | 43 | U | 6.7 | 43 |
| trans-1,3-Dichloropropene | | 43 | U | 8.0 | 43 |
| Ethylbenzene | | 43 | U | 6.8 | 43 |
| 2-Hexanone | | 86 | U | 22 | 86 |
| Methylene Chloride | | 47 | ~~JB*~~ J | 19 | 170 |
| 4-Methyl-2-pentanone (MIBK) | | 43 | U | 10 | 43 |
| Styrene | | 43 | U | 9.2 | 43 |
| 1,1,2,2-Tetrachloroethane | | 43 | U | 10 | 43 |
| Tetrachloroethene | | 43 | U | 6.1 | 43 |
| Toluene | | 43 | U | 7.3 | 43 |
| 1,1,1-Trichloroethane | | 43 | U | 7.3 | 43 |
| 1,1,2-Trichloroethane | | 43 | U | 9.0 | 43 |
| Trichloroethene | | 43 | U | 5.9 | 43 |
| Vinyl chloride | | 43 | U | 7.5 | 43 |
| Xylenes, Total | | 43 | U | 17 | 43 |
| cis-1,2-Dichloroethene | | 43 | U | 9.0 | 43 |
| trans-1,2-Dichloroethene | | 43 | U | 5.0 | 43 |

ARM 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 109 | 49 - 134 |
| 4-Bromofluorobenzene | 90 | 36 - 133 |
| Dibromofluoromethane | 89 | 60 - 130 |
| Toluene-d8 (Surr) | 91 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-12 4'**

Lab Sample ID: 220-978-22
Client Matrix: Solid
% Moisture: 41.8

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1858
Date Prepared: 03/07/2007 1858

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1236.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 9.5 | J | 5.4 | 34 |
| Benzene | | 8.6 | U | 1.5 | 8.6 |
| Bromodichloromethane | | 8.6 | U | 1.4 | 8.6 |
| Bromoform | | 8.6 | U | 1.7 | 8.6 |
| Bromomethane | | 8.6 | U | 1.4 | 8.6 |
| 2-Butanone (MEK) | | 17 | U | 3.1 | 17 |
| Carbon disulfide | | 8.6 | U | 1.0 | 8.6 |
| Carbon tetrachloride | | 8.6 | U | 1.3 | 8.6 |
| Chlorobenzene | | 8.6 | U | 1.4 | 8.6 |
| Chloroethane | | 8.6 | U | 3.2 | 8.6 |
| Chloroform | | 8.6 | U | 0.91 | 8.6 |
| Chloromethane | | 8.6 | U | 1.5 | 8.6 |
| Dibromochloromethane | | 8.6 | U | 0.70 | 8.6 |
| 1,1-Dichloroethane | | 8.6 | U | 1.4 | 8.6 |
| 1,2-Dichloroethane | | 8.6 | U | 1.7 | 8.6 |
| 1,1-Dichloroethene | | 8.6 | U | 1.9 | 8.6 |
| 1,2-Dichloropropane | | 8.6 | U | 1.8 | 8.6 |
| cis-1,3-Dichloropropene | | 8.6 | U | 1.3 | 8.6 |
| trans-1,3-Dichloropropene | | 8.6 | U | 1.6 | 8.6 |
| Ethylbenzene | | 8.6 | U | 1.4 | 8.6 |
| 2-Hexanone | | 17 | U | 4.3 | 17 |
| Methylene Chloride | | 34 ~~10~~ | ~~J*B~~ U | 3.8 | 34 |
| 4-Methyl-2-pentanone (MIBK) | | 8.6 | U | 2.0 | 8.6 |
| Styrene | | 8.6 | U | 1.8 | 8.6 |
| 1,1,2,2-Tetrachloroethane | | 8.6 | U | 2.1 | 8.6 |
| Tetrachloroethene | | 8.6 | U | 1.2 | 8.6 |
| Toluene | | 8.6 | U | 1.4 | 8.6 |
| 1,1,1-Trichloroethane | | 8.6 | U | 1.4 | 8.6 |
| 1,1,2-Trichloroethane | | 8.6 | U | 1.8 | 8.6 |
| Trichloroethene | | 8.6 | U | 1.2 | 8.6 |
| Vinyl chloride | | 8.6 | U | 1.5 | 8.6 |
| Xylenes, Total | | 8.6 | U | 3.4 | 8.6 |
| cis-1,2-Dichloroethene | | 8.6 | U | 1.8 | 8.6 |
| trans-1,2-Dichloroethene | | 8.6 | U | 1.0 | 8.6 |

arm 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 106 | 49 - 134 |
| 4-Bromofluorobenzene | 96 | 36 - 133 |
| Dibromofluoromethane | 61 | 60 - 130 |
| Toluene-d8 (Surr) | 92 | 51 - 137 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 0.5'**

Lab Sample ID: 220-978-23
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1924
Date Prepared: 03/07/2007 1924

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1237.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 23 | U | 3.7 | 23 |
| Benzene | | 5.8 | U | 1.0 | 5.8 |
| Bromodichloromethane | | 5.8 | U | 0.98 | 5.8 |
| Bromoform | | 5.8 | U | 1.2 | 5.8 |
| Bromomethane | | 5.8 | U | 0.95 | 5.8 |
| 2-Butanone (MEK) | | 12 | U | 2.1 | 12 |
| Carbon disulfide | | 5.8 | U | 0.71 | 5.8 |
| Carbon tetrachloride | | 5.8 | U | 0.91 | 5.8 |
| Chlorobenzene | | 5.8 | U | 0.92 | 5.8 |
| Chloroethane | | 5.8 | U | 2.2 | 5.8 |
| Chloroform | | 5.8 | U | 0.62 | 5.8 |
| Chloromethane | | 5.8 | U | 1.0 | 5.8 |
| Dibromochloromethane | | 5.8 | U | 0.48 | 5.8 |
| 1,1-Dichloroethane | | 5.8 | U | 0.94 | 5.8 |
| 1,2-Dichloroethane | | 5.8 | U | 1.2 | 5.8 |
| 1,1-Dichloroethene | | 5.8 | U | 1.3 | 5.8 |
| 1,2-Dichloropropane | | 5.8 | U | 1.2 | 5.8 |
| cis-1,3-Dichloropropene | | 5.8 | U | 0.91 | 5.8 |
| trans-1,3-Dichloropropene | | 5.8 | U | 1.1 | 5.8 |
| Ethylbenzene | | 5.8 | U | 0.92 | 5.8 |
| 2-Hexanone | | 12 | U | 2.9 | 12 |
| Methylene Chloride | | 23 ~~7.7~~ | ~~J*B~~ U | 2.6 | 23 |
| 4-Methyl-2-pentanone (MIBK) | | 5.8 | U | 1.4 | 5.8 |
| Styrene | | 5.8 | U | 1.2 | 5.8 |
| 1,1,2,2-Tetrachloroethane | | 5.8 | U | 1.4 | 5.8 |
| Tetrachloroethene | | 5.8 | U | 0.81 | 5.8 |
| Toluene | | 5.8 | U | 0.98 | 5.8 |
| 1,1,1-Trichloroethane | | 5.8 | U | 0.98 | 5.8 |
| 1,1,2-Trichloroethane | | 5.8 | U | 1.2 | 5.8 |
| Trichloroethene | | 5.8 | U | 0.79 | 5.8 |
| Vinyl chloride | | 5.8 | U | 1.0 | 5.8 |
| Xylenes, Total | | 5.8 | U | 2.3 | 5.8 |
| cis-1,2-Dichloroethene | | 5.8 | U | 1.2 | 5.8 |
| trans-1,2-Dichloroethene | | 5.8 | U | 0.67 | 5.8 |

arm 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 110 | 49 - 134 |
| 4-Bromofluorobenzene | 98 | 36 - 133 |
| Dibromofluoromethane | 104 | 60 - 130 |
| Toluene-d8 (Surr) | 99 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 4'**

Lab Sample ID: 220-978-24
Client Matrix: Solid
% Moisture: 12.3

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 1949
Date Prepared: 03/07/2007 1949

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1238.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 5.0 | J | 3.6 | 23 |
| Benzene | | 5.7 | U | 0.98 | 5.7 |
| Bromodichloromethane | | 5.7 | U | 0.96 | 5.7 |
| Bromoform | | 5.7 | U | 1.1 | 5.7 |
| Bromomethane | | 5.7 | U | 0.94 | 5.7 |
| 2-Butanone (MEK) | | 11 | U | 2.0 | 11 |
| Carbon disulfide | | 5.7 | U | 0.70 | 5.7 |
| Carbon tetrachloride | | 5.7 | U | 0.89 | 5.7 |
| Chlorobenzene | | 5.7 | U | 0.90 | 5.7 |
| Chloroethane | | 5.7 | U | 2.2 | 5.7 |
| Chloroform | | 5.7 | U | 0.60 | 5.7 |
| Chloromethane | | 5.7 | U | 1.0 | 5.7 |
| Dibromochloromethane | | 5.7 | U | 0.47 | 5.7 |
| 1,1-Dichloroethane | | 5.7 | U | 0.92 | 5.7 |
| 1,2-Dichloroethane | | 5.7 | U | 1.1 | 5.7 |
| 1,1-Dichloroethene | | 5.7 | U | 1.2 | 5.7 |
| 1,2-Dichloropropane | | 5.7 | U | 1.2 | 5.7 |
| cis-1,3-Dichloropropene | | 5.7 | U | 0.89 | 5.7 |
| trans-1,3-Dichloropropene | | 5.7 | U | 1.0 | 5.7 |
| Ethylbenzene | | 5.7 | U | 0.90 | 5.7 |
| 2-Hexanone | | 11 | U | 2.9 | 11 |
| Methylene Chloride | 23 | ~~9.1~~ | ~~J*B~~ U | 2.5 | 23 |
| 4-Methyl-2-pentanone (MIBK) | | 5.7 | U | 1.3 | 5.7 |
| Styrene | | 5.7 | U | 1.2 | 5.7 |
| 1,1,2,2-Tetrachloroethane | | 5.7 | U | 1.4 | 5.7 |
| Tetrachloroethene | | 5.7 | U | 0.80 | 5.7 |
| Toluene | | 5.7 | U | 0.96 | 5.7 |
| 1,1,1-Trichloroethane | | 5.7 | U | 0.96 | 5.7 |
| 1,1,2-Trichloroethane | | 5.7 | U | 1.2 | 5.7 |
| Trichloroethene | | 5.7 | U | 0.78 | 5.7 |
| Vinyl chloride | | 5.7 | U | 0.99 | 5.7 |
| Xylenes, Total | | 5.7 | U | 2.2 | 5.7 |
| cis-1,2-Dichloroethene | | 5.7 | U | 1.2 | 5.7 |
| trans-1,2-Dichloroethene | | 5.7 | U | 0.66 | 5.7 |

ARM 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 106 | 49 - 134 |
| 4-Bromofluorobenzene | 102 | 36 - 133 |
| Dibromofluoromethane | 103 | 60 - 130 |
| Toluene-d8 (Surr) | 98 | 51 - 137 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 8'**

Lab Sample ID: 220-978-25
Client Matrix: Solid
% Moisture: 32.8

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/07/2007 2015
Date Prepared: 03/07/2007 2015

Analysis Batch: 220-4078

Instrument ID: HP 5890/5971A GC/MS
Lab File ID: N1239.D
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acetone | | 13 | J | 4.7 | 30 |
| Benzene | | 7.4 | U | 1.3 | 7.4 |
| Bromodichloromethane | | 7.4 | U | 1.3 | 7.4 |
| Bromoform | | 7.4 | U | 1.5 | 7.4 |
| Bromomethane | | 7.4 | U | 1.2 | 7.4 |
| 2-Butanone (MEK) | | 15 | U | 2.7 | 15 |
| Carbon disulfide | | 7.4 | U | 0.91 | 7.4 |
| Carbon tetrachloride | | 7.4 | U | 1.2 | 7.4 |
| Chlorobenzene | | 7.4 | U | 1.2 | 7.4 |
| Chloroethane | | 7.4 | U | 2.8 | 7.4 |
| Chloroform | | 7.4 | U | 0.79 | 7.4 |
| Chloromethane | | 7.4 | U | 1.3 | 7.4 |
| Dibromochloromethane | | 7.4 | U | 0.61 | 7.4 |
| 1,1-Dichloroethane | | 7.4 | U | 1.2 | 7.4 |
| 1,2-Dichloroethane | | 7.4 | U | 1.5 | 7.4 |
| 1,1-Dichloroethene | | 7.4 | U | 1.6 | 7.4 |
| 1,2-Dichloropropane | | 7.4 | U | 1.6 | 7.4 |
| cis-1,3-Dichloropropene | | 7.4 | U | 1.2 | 7.4 |
| trans-1,3-Dichloropropene | | 7.4 | U | 1.4 | 7.4 |
| Ethylbenzene | | 7.4 | U | 1.2 | 7.4 |
| 2-Hexanone | | 15 | U | 3.8 | 15 |
| Methylene Chloride | 30 | ~~7.7~~ | ~~J*B~~ U | 3.3 | 30 |
| 4-Methyl-2-pentanone (MIBK) | | 7.4 | U | 1.8 | 7.4 |
| Styrene | | 7.4 | U | 1.6 | 7.4 |
| 1,1,2,2-Tetrachloroethane | | 7.4 | U | 1.8 | 7.4 |
| Tetrachloroethene | | 7.4 | U | 1.0 | 7.4 |
| Toluene | | 7.4 | U | 1.3 | 7.4 |
| 1,1,1-Trichloroethane | | 7.4 | U | 1.3 | 7.4 |
| 1,1,2-Trichloroethane | | 7.4 | U | 1.5 | 7.4 |
| Trichloroethene | | 7.4 | U | 1.0 | 7.4 |
| Vinyl chloride | | 7.4 | U | 1.3 | 7.4 |
| Xylenes, Total | | 7.4 | U | 2.9 | 7.4 |
| cis-1,2-Dichloroethene | | 7.4 | U | 1.5 | 7.4 |
| trans-1,2-Dichloroethene | | 7.4 | U | 0.86 | 7.4 |

arm 4/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 108 | 49 - 134 |
| 4-Bromofluorobenzene | 106 | 36 - 133 |
| Dibromofluoromethane | 86 | 60 - 130 |
| Toluene-d8 (Surr) | 96 | 51 - 137 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-4 0-1'**

Lab Sample ID: 220-978-2
Client Matrix: Solid
% Moisture: 6.3

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2321
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1796.D
Initial Weight/Volume: 15.1 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 350 | U | 51 | 350 |
| Acenaphthylene | | 350 | U | 44 | 350 |
| Anthracene | | 350 | U | 59 | 350 |
| Benzo[a]anthracene | | 350 | J | 63 | 350 |
| Benzo[a]pyrene | | 500 | | 61 | 350 |
| Benzo[b]fluoranthene | | 580 | | 45 | 350 |
| Benzo[g,h,i]perylene | | 590 | | 65 | 350 |
| Benzo[k]fluoranthene | | 210 | J | 92 | 350 |
| Bis(2-chloroethoxy)methane | | 350 | U | 47 | 350 |
| Bis(2-chloroethyl)ether | | 350 | U | 45 | 350 |
| Bis(2-ethylhexyl) phthalate | | 350 | U | 89 | 350 |
| Butyl benzyl phthalate | | 350 | U | 64 | 350 |
| Carbazole | | 350 | U | 58 | 350 |
| Chrysene | | 430 | | 70 | 350 |
| Di-n-butyl phthalate | | 350 | U | 63 | 350 |
| Di-n-octyl phthalate | | 350 | U | 54 | 350 |
| 4-Bromophenyl phenyl ether | | 350 | U | 53 | 350 |
| 4-Chloroaniline | | 350 | U | 55 | 350 |
| 2-Chloronaphthalene | | 350 | U | 46 | 350 |
| 4-Chlorophenyl phenyl ether | | 350 | U | 53 | 350 |
| Dibenz(a,h)anthracene | | 140 | J | 52 | 350 |
| Dibenzofuran | | 98 | J | 61 | 350 |
| Diethyl phthalate | | 350 | U | 51 | 350 |
| Dimethyl phthalate | | 350 | U | 42 | 350 |
| 1,2-Dichlorobenzene | | 350 | U | 53 | 350 |
| 1,3-Dichlorobenzene | | 350 | U | 52 | 350 |
| 1,4-Dichlorobenzene | | 350 | U | 43 | 350 |
| 3,3'-Dichlorobenzidine | | 700 | U | 53 | 700 |
| 2,4-Dinitrotoluene | | 350 | U | 44 | 350 |
| 2,6-Dinitrotoluene | | 350 | U | 37 | 350 |
| Fluoranthene | | 280 | J | 67 | 350 |
| Fluorene | | 350 | U | 45 | 350 |
| Hexachlorobenzene | | 350 | U | 57 | 350 |
| Hexachlorobutadiene | | 350 | U | 49 | 350 |
| Hexachlorocyclopentadiene | | 350 | U | 37 | 350 |
| Hexachloroethane | | 350 | U | 48 | 350 |
| Indeno[1,2,3-cd]pyrene | | 570 | | 57 | 350 |
| Isophorone | | 350 | U | 43 | 350 |
| 2-Methylnaphthalene | | 440 | | 53 | 350 |
| Naphthalene | | 480 | | 49 | 350 |
| 2-Nitroaniline | | 1700 | U | 54 | 1700 |
| 3-Nitroaniline | | 1700 | U | 47 | 1700 |
| Nitrobenzene | | 350 | U | 57 | 350 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-4 0-1'**

Lab Sample ID: 220-978-2
Client Matrix: Solid
% Moisture: 6.3
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2321
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1796.D
Initial Weight/Volume: 15.1 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 350 | U | 47 | 350 |
| N-Nitrosodiphenylamine | | 350 | U | 48 | 350 |
| Phenanthrene | | 370 | | 58 | 350 |
| Pyrene | | 320 | J | 63 | 350 |
| 1,2,4-Trichlorobenzene | | 350 | U | 50 | 350 |
| 4-Chloro-3-methylphenol | | 350 | U | 53 | 350 |
| 2-Chlorophenol | | 350 | U | 46 | 350 |
| 2-Methylphenol | | 180 | J | 42 | 350 |
| 4-Methylphenol | | 530 | | 44 | 350 |
| 2,4-Dichlorophenol | | 350 | U | 50 | 350 |
| 2,4-Dimethylphenol | | 220 | J | 77 | 350 |
| 2,4-Dinitrophenol | | 1700 | U * | 120 | 1700 |
| 4,6-Dinitro-2-methylphenol | | 1700 | U | 39 | 1700 |
| 2-Nitrophenol | | 350 | U | 45 | 350 |
| 4-Nitrophenol | | 1700 | U | 48 | 1700 |
| Pentachlorophenol | | 1700 | U | 310 | 1700 |
| Phenol | | 350 | U | 47 | 350 |
| 2,4,5-Trichlorophenol | | 1700 | U | 55 | 1700 |
| 2,4,6-Trichlorophenol | | 350 | U | 39 | 350 |
| Benzyl alcohol | | 350 | U | 45 | 350 |
| 4-Nitroaniline | | 700 | U | 53 | 700 |
| 2,2'-oxybis[1-chloropropane] | | 350 | U | 46 | 350 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 87 | 32 - 131 |
| 2-Fluorophenol | 83 | 25 - 113 |
| 2,4,6-Tribromophenol | 77 | 24 - 150 |
| Nitrobenzene-d5 | 82 | 25 - 120 |
| Phenol-d5 | 85 | 27 - 122 |
| Terphenyl-d14 | 88 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-4 8'**

Lab Sample ID: 220-978-3
Client Matrix: Solid
% Moisture: 15.0

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 4.0
Date Analyzed: 03/10/2007 2343
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1797.D
Initial Weight/Volume: 15.7 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 1500 | U | 220 | 1500 |
| Acenaphthylene | | 1500 | U | 190 | 1500 |
| Anthracene | | 1500 | U | 250 | 1500 |
| Benzo[a]anthracene | | 430 | J | 270 | 1500 |
| Benzo[a]pyrene | | 670 | J | 260 | 1500 |
| Benzo[b]fluoranthene | | 720 | J | 190 | 1500 |
| Benzo[g,h,i]perylene | | 750 | J | 280 | 1500 |
| Benzo[k]fluoranthene | | 1500 | U | 390 | 1500 |
| Bis(2-chloroethoxy)methane | | 1500 | U | 200 | 1500 |
| Bis(2-chloroethyl)ether | | 1500 | U | 190 | 1500 |
| Bis(2-ethylhexyl) phthalate | | 660 | J | 380 | 1500 |
| Butyl benzyl phthalate | | 1500 | U | 270 | 1500 |
| Carbazole | | 1500 | U | 240 | 1500 |
| Chrysene | | 500 | J | 300 | 1500 |
| Di-n-butyl phthalate | | 1500 | U | 270 | 1500 |
| Di-n-octyl phthalate | | 1500 | U | 230 | 1500 |
| 4-Bromophenyl phenyl ether | | 1500 | U | 220 | 1500 |
| 4-Chloroaniline | | 1500 | U | 230 | 1500 |
| 2-Chloronaphthalene | | 1500 | U | 190 | 1500 |
| 4-Chlorophenyl phenyl ether | | 1500 | U | 220 | 1500 |
| Dibenz(a,h)anthracene | | 1500 | U | 220 | 1500 |
| Dibenzofuran | | 1500 | U | 260 | 1500 |
| Diethyl phthalate | | 1500 | U | 220 | 1500 |
| Dimethyl phthalate | | 1500 | U | 180 | 1500 |
| 1,2-Dichlorobenzene | | 1500 | U | 220 | 1500 |
| 1,3-Dichlorobenzene | | 1500 | U | 220 | 1500 |
| 1,4-Dichlorobenzene | | 1500 | U | 180 | 1500 |
| 3,3'-Dichlorobenzidine | | 3000 | U | 220 | 3000 |
| 2,4-Dinitrotoluene | | 1500 | U | 190 | 1500 |
| 2,6-Dinitrotoluene | | 1500 | U | 160 | 1500 |
| Fluoranthene | | 480 | J | 280 | 1500 |
| Fluorene | | 290 | J | 190 | 1500 |
| Hexachlorobenzene | | 1500 | U | 240 | 1500 |
| Hexachlorobutadiene | | 1500 | U | 210 | 1500 |
| Hexachlorocyclopentadiene | | 1500 | U | 160 | 1500 |
| Hexachloroethane | | 1500 | U | 210 | 1500 |
| Indeno[1,2,3-cd]pyrene | | 680 | J | 240 | 1500 |
| Isophorone | | 1500 | U | 180 | 1500 |
| 2-Methylnaphthalene | | 1900 | | 220 | 1500 |
| Naphthalene | | 2500 | | 210 | 1500 |
| 2-Nitroaniline | | 7200 | U | 230 | 7200 |
| 3-Nitroaniline | | 7200 | U | 200 | 7200 |
| Nitrobenzene | | 1500 | U | 240 | 1500 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-4 8'**

Lab Sample ID: 220-978-3
Client Matrix: Solid
% Moisture: 15.0

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 4.0
Date Analyzed: 03/10/2007 2343
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1797.D
Initial Weight/Volume: 15.7 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 1500 | U | 200 | 1500 |
| N-Nitrosodiphenylamine | | 1500 | U | 200 | 1500 |
| Phenanthrene | | 670 | J | 250 | 1500 |
| Pyrene | | 540 | J | 270 | 1500 |
| 1,2,4-Trichlorobenzene | | 1500 | U | 210 | 1500 |
| 4-Chloro-3-methylphenol | | 1500 | U | 220 | 1500 |
| 2-Chlorophenol | | 1500 | U | 200 | 1500 |
| 2-Methylphenol | | 2000 | | 180 | 1500 |
| 4-Methylphenol | | 7100 | | 190 | 1500 |
| 2,4-Dichlorophenol | | 1500 | U | 210 | 1500 |
| 2,4-Dimethylphenol | | 1800 | | 320 | 1500 |
| 2,4-Dinitrophenol | | 7200 | U * | 520 | 7200 |
| 4,6-Dinitro-2-methylphenol | | 7200 | U | 160 | 7200 |
| 2-Nitrophenol | | 1500 | U | 190 | 1500 |
| 4-Nitrophenol | | 7200 | U | 200 | 7200 |
| Pentachlorophenol | | 7200 | U | 1300 | 7200 |
| Phenol | | 2600 | | 200 | 1500 |
| 2,4,5-Trichlorophenol | | 7200 | U | 230 | 7200 |
| 2,4,6-Trichlorophenol | | 1500 | U | 160 | 1500 |
| Benzyl alcohol | | 1500 | U | 190 | 1500 |
| 4-Nitroaniline | | 3000 | U | 220 | 3000 |
| 2,2'-oxybis[1-chloropropane] | | 1500 | U | 190 | 1500 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 92 | 32 - 131 |
| 2-Fluorophenol | 90 | 25 - 113 |
| 2,4,6-Tribromophenol | 83 | 24 - 150 |
| Nitrobenzene-d5 | 90 | 25 - 120 |
| Phenol-d5 | 91 | 27 - 122 |
| Terphenyl-d14 | 87 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-5 0-1'**

Lab Sample ID: 220-978-4
Client Matrix: Solid
% Moisture: 18.9
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/11/2007 0111
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1801.D
Initial Weight/Volume: 15.0 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 410 | U | 59 | 410 |
| Acenaphthylene | | 400 | J | 52 | 410 |
| Anthracene | | 420 | | 69 | 410 |
| Benzo[a]anthracene | | 2100 | | 73 | 410 |
| Benzo[a]pyrene | | 2900 | | 71 | 410 |
| Benzo[b]fluoranthene | | 3900 | | 53 | 410 |
| Benzo[g,h,i]perylene | | 2400 | | 76 | 410 |
| Benzo[k]fluoranthene | | 1400 | | 110 | 410 |
| Bis(2-chloroethoxy)methane | | 410 | U | 55 | 410 |
| Bis(2-chloroethyl)ether | | 410 | U | 53 | 410 |
| Bis(2-ethylhexyl) phthalate | | 410 | U | 100 | 410 |
| Butyl benzyl phthalate | | 410 | U | 74 | 410 |
| Carbazole | | 96 | J | 67 | 410 |
| Chrysene | | 2300 | | 81 | 410 |
| Di-n-butyl phthalate | | 410 | U | 74 | 410 |
| Di-n-octyl phthalate | | 410 | U | 62 | 410 |
| 4-Bromophenyl phenyl ether | | 410 | U | 62 | 410 |
| 4-Chloroaniline | | 410 | U | 64 | 410 |
| 2-Chloronaphthalene | | 410 | U | 53 | 410 |
| 4-Chlorophenyl phenyl ether | | 410 | U | 61 | 410 |
| Dibenz(a,h)anthracene | | 630 | | 60 | 410 |
| Dibenzofuran | | 82 | J | 71 | 410 |
| Diethyl phthalate | | 410 | U | 59 | 410 |
| Dimethyl phthalate | | 410 | U | 48 | 410 |
| 1,2-Dichlorobenzene | | 410 | U | 62 | 410 |
| 1,3-Dichlorobenzene | | 410 | U | 60 | 410 |
| 1,4-Dichlorobenzene | | 410 | U | 50 | 410 |
| 3,3'-Dichlorobenzidine | | 810 | U | 61 | 810 |
| 2,4-Dinitrotoluene | | 410 | U | 51 | 410 |
| 2,6-Dinitrotoluene | | 410 | U | 43 | 410 |
| Fluoranthene | | 1900 | | 78 | 410 |
| Fluorene | | 410 | U | 53 | 410 |
| Hexachlorobenzene | | 410 | U | 67 | 410 |
| Hexachlorobutadiene | | 410 | U | 57 | 410 |
| Hexachlorocyclopentadiene | | 410 | U | 43 | 410 |
| Hexachloroethane | | 410 | U | 56 | 410 |
| Indeno[1,2,3-cd]pyrene | | 2500 | | 66 | 410 |
| Isophorone | | 410 | U | 51 | 410 |
| 2-Methylnaphthalene | | 160 | J | 62 | 410 |
| Naphthalene | | 160 | J | 57 | 410 |
| 2-Nitroaniline | | 2000 | U | 63 | 2000 |
| 3-Nitroaniline | | 2000 | U | 55 | 2000 |
| Nitrobenzene | | 410 | U | 66 | 410 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-5 0-1'**

Lab Sample ID: 220-978-4
Client Matrix: Solid
% Moisture: 18.9
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/11/2007 0111
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1801.D
Initial Weight/Volume: 15.0 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 410 | U | 55 | 410 |
| N-Nitrosodiphenylamine | | 410 | U | 56 | 410 |
| Phenanthrene | | 550 | | 68 | 410 |
| Pyrene | | 1500 | | 74 | 410 |
| 1,2,4-Trichlorobenzene | | 410 | U | 58 | 410 |
| 4-Chloro-3-methylphenol | | 410 | U | 61 | 410 |
| 2-Chlorophenol | | 410 | U | 54 | 410 |
| 2-Methylphenol | | 410 | U | 49 | 410 |
| 4-Methylphenol | | 410 | U | 51 | 410 |
| 2,4-Dichlorophenol | | 410 | U | 58 | 410 |
| 2,4-Dimethylphenol | | 410 | U | 89 | 410 |
| 2,4-Dinitrophenol | | 2000 | U * | 140 | 2000 |
| 4,6-Dinitro-2-methylphenol | | 2000 | U | 45 | 2000 |
| 2-Nitrophenol | | 410 | U | 52 | 410 |
| 4-Nitrophenol | | 2000 | U | 56 | 2000 |
| Pentachlorophenol | | 2000 | U | 360 | 2000 |
| Phenol | | 410 | U | 54 | 410 |
| 2,4,5-Trichlorophenol | | 2000 | U | 64 | 2000 |
| 2,4,6-Trichlorophenol | | 410 | U | 45 | 410 |
| Benzyl alcohol | | 410 | U | 52 | 410 |
| 4-Nitroaniline | | 810 | U | 61 | 810 |
| 2,2'-oxybis[1-chloropropane] | | 410 | U | 53 | 410 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 77 | 32 - 131 |
| 2-Fluorophenol | 65 | 25 - 113 |
| 2,4,6-Tribromophenol | 61 | 24 - 150 |
| Nitrobenzene-d5 | 72 | 25 - 120 |
| Phenol-d5 | 68 | 27 - 122 |
| Terphenyl-d14 | 58 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-5 5'**

Lab Sample ID: 220-978-5
Client Matrix: Solid
% Moisture: 31.4
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2215
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1793.D
Initial Weight/Volume: 15.1 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 480 | U | 70 | 480 |
| Acenaphthylene | | 480 | U | 61 | 480 |
| Anthracene | | 480 | U | 81 | 480 |
| Benzo[a]anthracene | | 98 | J | 86 | 480 |
| Benzo[a]pyrene | | 480 | U | 84 | 480 |
| Benzo[b]fluoranthene | | 130 | J | 62 | 480 |
| Benzo[g,h,i]perylene | | 120 | J | 89 | 480 |
| Benzo[k]fluoranthene | | 480 | U | 130 | 480 |
| Bis(2-chloroethoxy)methane | | 480 | U | 64 | 480 |
| Bis(2-chloroethyl)ether | | 480 | U | 62 | 480 |
| Bis(2-ethylhexyl) phthalate | | 480 | U | 120 | 480 |
| Butyl benzyl phthalate | | 480 | U | 87 | 480 |
| Carbazole | | 480 | U | 79 | 480 |
| Chrysene | | 100 | J | 95 | 480 |
| Di-n-butyl phthalate | | 480 | U | 86 | 480 |
| Di-n-octyl phthalate | | 480 | U | 73 | 480 |
| 4-Bromophenyl phenyl ether | | 480 | U | 72 | 480 |
| 4-Chloroaniline | | 480 | U | 75 | 480 |
| 2-Chloronaphthalene | | 480 | U | 63 | 480 |
| 4-Chlorophenyl phenyl ether | | 480 | U | 72 | 480 |
| Dibenz(a,h)anthracene | | 480 | U | 70 | 480 |
| Dibenzofuran | | 480 | U | 83 | 480 |
| Diethyl phthalate | | 480 | U | 69 | 480 |
| Dimethyl phthalate | | 480 | U | 57 | 480 |
| 1,2-Dichlorobenzene | | 480 | U | 72 | 480 |
| 1,3-Dichlorobenzene | | 480 | U | 71 | 480 |
| 1,4-Dichlorobenzene | | 480 | U | 58 | 480 |
| 3,3'-Dichlorobenzidine | | 960 | U | 72 | 960 |
| 2,4-Dinitrotoluene | | 480 | U | 60 | 480 |
| 2,6-Dinitrotoluene | | 480 | U | 51 | 480 |
| Fluoranthene | | 480 | U | 91 | 480 |
| Fluorene | | 480 | U | 62 | 480 |
| Hexachlorobenzene | | 480 | U | 79 | 480 |
| Hexachlorobutadiene | | 480 | U | 67 | 480 |
| Hexachlorocyclopentadiene | | 480 | U | 50 | 480 |
| Hexachloroethane | | 480 | U | 66 | 480 |
| Indeno[1,2,3-cd]pyrene | | 100 | J | 78 | 480 |
| Isophorone | | 480 | U | 59 | 480 |
| 2-Methylnaphthalene | | 480 | U | 72 | 480 |
| Naphthalene | | 480 | U | 67 | 480 |
| 2-Nitroaniline | | 2300 | U | 74 | 2300 |
| 3-Nitroaniline | | 2300 | U | 64 | 2300 |
| Nitrobenzene | | 480 | U | 77 | 480 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-5 5'**

Lab Sample ID: 220-978-5
Client Matrix: Solid
% Moisture: 31.4
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2215
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1793.D
Initial Weight/Volume: 15.1 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 480 | U | 64 | 480 |
| N-Nitrosodiphenylamine | | 480 | U | 66 | 480 |
| Phenanthrene | | 480 | U | 80 | 480 |
| Pyrene | | 110 | J | 87 | 480 |
| 1,2,4-Trichlorobenzene | | 480 | U | 68 | 480 |
| 4-Chloro-3-methylphenol | | 480 | U | 72 | 480 |
| 2-Chlorophenol | | 480 | U | 63 | 480 |
| 2-Methylphenol | | 480 | U | 57 | 480 |
| 4-Methylphenol | | 480 | U | 60 | 480 |
| 2,4-Dichlorophenol | | 480 | U | 68 | 480 |
| 2,4-Dimethylphenol | | 480 | U | 100 | 480 |
| 2,4-Dinitrophenol | | 2300 | U * | 170 | 2300 |
| 4,6-Dinitro-2-methylphenol | | 2300 | U | 53 | 2300 |
| 2-Nitrophenol | | 480 | U | 61 | 480 |
| 4-Nitrophenol | | 2300 | U | 65 | 2300 |
| Pentachlorophenol | | 2300 | U | 420 | 2300 |
| Phenol | | 480 | U | 64 | 480 |
| 2,4,5-Trichlorophenol | | 2300 | U | 75 | 2300 |
| 2,4,6-Trichlorophenol | | 480 | U | 53 | 480 |
| Benzyl alcohol | | 480 | U | 61 | 480 |
| 4-Nitroaniline | | 960 | U | 72 | 960 |
| 2,2'-oxybis[1-chloropropane] | | 480 | U | 63 | 480 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 76 | 32 - 131 |
| 2-Fluorophenol | 70 | 25 - 113 |
| 2,4,6-Tribromophenol | 70 | 24 - 150 |
| Nitrobenzene-d5 | 69 | 25 - 120 |
| Phenol-d5 | 77 | 27 - 122 |
| Terphenyl-d14 | 92 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-6 6-8'**

Lab Sample ID: 220-978-6
Client Matrix: Solid
% Moisture: 10.3
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2237
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1794.D
Initial Weight/Volume: 15.0 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 850 | | 54 | 370 |
| Acenaphthylene | | 370 | U | 47 | 370 |
| Anthracene | | 590 | | 62 | 370 |
| Benzo[a]anthracene | | 820 | | 66 | 370 |
| Benzo[a]pyrene | | 820 | | 64 | 370 |
| Benzo[b]fluoranthene | | 1000 | | 47 | 370 |
| Benzo[g,h,i]perylene | | 920 | | 68 | 370 |
| Benzo[k]fluoranthene | | 400 | | 96 | 370 |
| Bis(2-chloroethoxy)methane | | 370 | U | 49 | 370 |
| Bis(2-chloroethyl)ether | | 370 | U | 48 | 370 |
| Bis(2-ethylhexyl) phthalate | | 2500 | | 94 | 370 |
| Butyl benzyl phthalate | | 370 | U | 67 | 370 |
| Carbazole | | 440 | | 61 | 370 |
| Chrysene | | 1000 | | 73 | 370 |
| Di-n-butyl phthalate | | 120 | J | 66 | 370 |
| Di-n-octyl phthalate | | 290 | J | 56 | 370 |
| 4-Bromophenyl phenyl ether | | 370 | U | 56 | 370 |
| 4-Chloroaniline | | 370 | U | 57 | 370 |
| 2-Chloronaphthalene | | 370 | U | 48 | 370 |
| 4-Chlorophenyl phenyl ether | | 370 | U | 55 | 370 |
| Dibenz(a,h)anthracene | | 220 | J | 54 | 370 |
| Dibenzofuran | | 710 | | 64 | 370 |
| Diethyl phthalate | | 370 | U | 53 | 370 |
| Dimethyl phthalate | | 370 | U | 44 | 370 |
| 1,2-Dichlorobenzene | | 77 | J | 56 | 370 |
| 1,3-Dichlorobenzene | | 370 | U | 55 | 370 |
| 1,4-Dichlorobenzene | | 370 | U | 45 | 370 |
| 3,3'-Dichlorobenzidine | | 740 | U | 55 | 740 |
| 2,4-Dinitrotoluene | | 370 | U | 46 | 370 |
| 2,6-Dinitrotoluene | | 370 | U | 39 | 370 |
| Fluoranthene | | 2000 | | 70 | 370 |
| Fluorene | | 1200 | | 48 | 370 |
| Hexachlorobenzene | | 370 | U | 60 | 370 |
| Hexachlorobutadiene | | 370 | U | 52 | 370 |
| Hexachlorocyclopentadiene | | 370 | U | 38 | 370 |
| Hexachloroethane | | 370 | U | 51 | 370 |
| Indeno[1,2,3-cd]pyrene | | 870 | | 60 | 370 |
| Isophorone | | 370 | U | 46 | 370 |
| 2-Methylnaphthalene | | 1800 | | 56 | 370 |
| Naphthalene | | 1900 | | 52 | 370 |
| 2-Nitroaniline | | 1800 | U | 57 | 1800 |
| 3-Nitroaniline | | 1800 | U | 49 | 1800 |
| Nitrobenzene | | 370 | U | 59 | 370 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-6 6-8'**

Lab Sample ID: 220-978-6
Client Matrix: Solid
% Moisture: 10.3

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2237
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1794.D
Initial Weight/Volume: 15.0 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 370 | U | 49 | 370 |
| N-Nitrosodiphenylamine | | 370 | U | 50 | 370 |
| Phenanthrene | | 2900 | | 61 | 370 |
| Pyrene | | 1600 | | 67 | 370 |
| 1,2,4-Trichlorobenzene | | 100 | J | 52 | 370 |
| 4-Chloro-3-methylphenol | | 370 | U | 55 | 370 |
| 2-Chlorophenol | | 370 | U | 48 | 370 |
| 2-Methylphenol | | 730 | | 44 | 370 |
| 4-Methylphenol | | 2700 | | 46 | 370 |
| 2,4-Dichlorophenol | | 370 | U | 52 | 370 |
| 2,4-Dimethylphenol | | 1200 | | 81 | 370 |
| 2,4-Dinitrophenol | | 1800 | U * | 130 | 1800 |
| 4,6-Dinitro-2-methylphenol | | 1800 | U | 41 | 1800 |
| 2-Nitrophenol | | 370 | U | 47 | 370 |
| 4-Nitrophenol | | 1800 | U | 50 | 1800 |
| Pentachlorophenol | | 1800 | U | 320 | 1800 |
| Phenol | | 4700 | | 49 | 370 |
| 2,4,5-Trichlorophenol | | 1800 | U | 58 | 1800 |
| 2,4,6-Trichlorophenol | | 370 | U | 41 | 370 |
| Benzyl alcohol | | 370 | U | 47 | 370 |
| 4-Nitroaniline | | 740 | U | 55 | 740 |
| 2,2'-oxybis[1-chloropropane] | | 370 | U | 48 | 370 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 97 | 32 - 131 |
| 2-Fluorophenol | 84 | 25 - 113 |
| 2,4,6-Tribromophenol | 77 | 24 - 150 |
| Nitrobenzene-d5 | 86 | 25 - 120 |
| Phenol-d5 | 87 | 27 - 122 |
| Terphenyl-d14 | 88 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-8 0.5-1'**

Lab Sample ID: 220-978-9
Client Matrix: Solid
% Moisture: 15.1

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2153
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1792.D
Initial Weight/Volume: 15.2 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 380 | U | 56 | 380 |
| Acenaphthylene | | 380 | U | 49 | 380 |
| Anthracene | | 380 | U | 65 | 380 |
| Benzo[a]anthracene | | 160 | J | 69 | 380 |
| Benzo[a]pyrene | | 190 | J | 67 | 380 |
| Benzo[b]fluoranthene | | 310 | J | 50 | 380 |
| Benzo[g,h,i]perylene | | 240 | J | 71 | 380 |
| Benzo[k]fluoranthene | | 380 | U | 100 | 380 |
| Bis(2-chloroethoxy)methane | | 380 | U | 52 | 380 |
| Bis(2-chloroethyl)ether | | 380 | U | 50 | 380 |
| Bis(2-ethylhexyl) phthalate | | 380 | U | 98 | 380 |
| Butyl benzyl phthalate | | 380 | U | 70 | 380 |
| Carbazole | | 380 | U | 63 | 380 |
| Chrysene | | 200 | J | 76 | 380 |
| Di-n-butyl phthalate | | 380 | U | 69 | 380 |
| Di-n-octyl phthalate | | 380 | U | 59 | 380 |
| 4-Bromophenyl phenyl ether | | 380 | U | 58 | 380 |
| 4-Chloroaniline | | 380 | U | 60 | 380 |
| 2-Chloronaphthalene | | 380 | U | 50 | 380 |
| 4-Chlorophenyl phenyl ether | | 380 | U | 58 | 380 |
| Dibenz(a,h)anthracene | | 380 | U | 56 | 380 |
| Dibenzofuran | | 380 | U | 67 | 380 |
| Diethyl phthalate | | 380 | U | 56 | 380 |
| Dimethyl phthalate | | 380 | U | 46 | 380 |
| 1,2-Dichlorobenzene | | 380 | U | 58 | 380 |
| 1,3-Dichlorobenzene | | 380 | U | 57 | 380 |
| 1,4-Dichlorobenzene | | 380 | U | 47 | 380 |
| 3,3'-Dichlorobenzidine | | 770 | U | 58 | 770 |
| 2,4-Dinitrotoluene | | 380 | U | 48 | 380 |
| 2,6-Dinitrotoluene | | 380 | U | 41 | 380 |
| Fluoranthene | | 230 | J | 73 | 380 |
| Fluorene | | 380 | U | 50 | 380 |
| Hexachlorobenzene | | 380 | U | 63 | 380 |
| Hexachlorobutadiene | | 380 | U | 54 | 380 |
| Hexachlorocyclopentadiene | | 380 | U | 40 | 380 |
| Hexachloroethane | | 380 | U | 53 | 380 |
| Indeno[1,2,3-cd]pyrene | | 240 | J | 62 | 380 |
| Isophorone | | 380 | U | 48 | 380 |
| 2-Methylnaphthalene | | 380 | U | 58 | 380 |
| Naphthalene | | 380 | U | 54 | 380 |
| 2-Nitroaniline | | 1900 | U | 59 | 1900 |
| 3-Nitroaniline | | 1900 | U | 52 | 1900 |
| Nitrobenzene | | 380 | U | 62 | 380 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-8 0.5-1'**

Lab Sample ID: 220-978-9
Client Matrix: Solid
% Moisture: 15.1
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2153
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1792.D
Initial Weight/Volume: 15.2 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 380 | U | 51 | 380 |
| N-Nitrosodiphenylamine | | 380 | U | 53 | 380 |
| Phenanthrene | | 150 | J | 64 | 380 |
| Pyrene | | 250 | J | 70 | 380 |
| 1,2,4-Trichlorobenzene | | 380 | U | 55 | 380 |
| 4-Chloro-3-methylphenol | | 380 | U | 58 | 380 |
| 2-Chlorophenol | | 380 | U | 51 | 380 |
| 2-Methylphenol | | 380 | U | 46 | 380 |
| 4-Methylphenol | | 380 | U | 48 | 380 |
| 2,4-Dichlorophenol | | 380 | U | 55 | 380 |
| 2,4-Dimethylphenol | | 380 | U | 84 | 380 |
| 2,4-Dinitrophenol | | 1900 | U * | 130 | 1900 |
| 4,6-Dinitro-2-methylphenol | | 1900 | U | 42 | 1900 |
| 2-Nitrophenol | | 380 | U | 49 | 380 |
| 4-Nitrophenol | | 1900 | U | 52 | 1900 |
| Pentachlorophenol | | 1900 | U | 330 | 1900 |
| Phenol | | 380 | U | 51 | 380 |
| 2,4,5-Trichlorophenol | | 1900 | U | 60 | 1900 |
| 2,4,6-Trichlorophenol | | 380 | U | 43 | 380 |
| Benzyl alcohol | | 380 | U | 49 | 380 |
| 4-Nitroaniline | | 770 | U | 58 | 770 |
| 2,2'-oxybis[1-chloropropane] | | 380 | U | 50 | 380 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 84 | 32 - 131 |
| 2-Fluorophenol | 83 | 25 - 113 |
| 2,4,6-Tribromophenol | 80 | 24 - 150 |
| Nitrobenzene-d5 | 80 | 25 - 120 |
| Phenol-d5 | 85 | 27 - 122 |
| Terphenyl-d14 | 105 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-8 4'**

Lab Sample ID: 220-978-10
Client Matrix: Solid

% Moisture: 15.6

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 1940
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1786.D
Initial Weight/Volume: 15.2 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 390 | U | 56 | 390 |
| Acenaphthylene | | 390 | U | 49 | 390 |
| Anthracene | | 390 | U | 65 | 390 |
| Benzo[a]anthracene | | 390 | U | 70 | 390 |
| Benzo[a]pyrene | | 390 | U | 68 | 390 |
| Benzo[b]fluoranthene | | 390 | U | 50 | 390 |
| Benzo[g,h,i]perylene | | 390 | U | 72 | 390 |
| Benzo[k]fluoranthene | | 390 | U | 100 | 390 |
| Bis(2-chloroethoxy)methane | | 390 | U | 52 | 390 |
| Bis(2-chloroethyl)ether | | 390 | U | 50 | 390 |
| Bis(2-ethylhexyl) phthalate | | 390 | U | 98 | 390 |
| Butyl benzyl phthalate | | 390 | U | 71 | 390 |
| Carbazole | | 390 | U | 64 | 390 |
| Chrysene | | 390 | U | 77 | 390 |
| Di-n-butyl phthalate | | 390 | U | 70 | 390 |
| Di-n-octyl phthalate | | 390 | U | 59 | 390 |
| 4-Bromophenyl phenyl ether | | 390 | U | 58 | 390 |
| 4-Chloroaniline | | 390 | U | 60 | 390 |
| 2-Chloronaphthalene | | 390 | U | 51 | 390 |
| 4-Chlorophenyl phenyl ether | | 390 | U | 58 | 390 |
| Dibenz(a,h)anthracene | | 390 | U | 57 | 390 |
| Dibenzofuran | | 390 | U | 67 | 390 |
| Diethyl phthalate | | 390 | U | 56 | 390 |
| Dimethyl phthalate | | 390 | U | 46 | 390 |
| 1,2-Dichlorobenzene | | 390 | U | 58 | 390 |
| 1,3-Dichlorobenzene | | 390 | U | 57 | 390 |
| 1,4-Dichlorobenzene | | 390 | U | 47 | 390 |
| 3,3'-Dichlorobenzidine | | 770 | U | 58 | 770 |
| 2,4-Dinitrotoluene | | 390 | U | 49 | 390 |
| 2,6-Dinitrotoluene | | 390 | U | 41 | 390 |
| Fluoranthene | | 390 | U | 74 | 390 |
| Fluorene | | 390 | U | 50 | 390 |
| Hexachlorobenzene | | 390 | U | 63 | 390 |
| Hexachlorobutadiene | | 390 | U | 54 | 390 |
| Hexachlorocyclopentadiene | | 390 | U | 40 | 390 |
| Hexachloroethane | | 390 | U | 53 | 390 |
| Indeno[1,2,3-cd]pyrene | | 390 | U | 63 | 390 |
| Isophorone | | 390 | U | 48 | 390 |
| 2-Methylnaphthalene | | 390 | U | 58 | 390 |
| Naphthalene | | 390 | U | 54 | 390 |
| 2-Nitroaniline | | 1900 | U | 59 | 1900 |
| 3-Nitroaniline | | 1900 | U | 52 | 1900 |
| Nitrobenzene | | 390 | U | 62 | 390 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-8 4'**

Lab Sample ID: 220-978-10
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 1940
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1786.D
Initial Weight/Volume: 15.2 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 390 | U | 52 | 390 |
| N-Nitrosodiphenylamine | | 390 | U | 53 | 390 |
| Phenanthrene | | 390 | U | 64 | 390 |
| Pyrene | | 390 | U | 70 | 390 |
| 1,2,4-Trichlorobenzene | | 390 | U | 55 | 390 |
| 4-Chloro-3-methylphenol | | 390 | U | 58 | 390 |
| 2-Chlorophenol | | 390 | U | 51 | 390 |
| 2-Methylphenol | | 390 | U | 46 | 390 |
| 4-Methylphenol | | 390 | U | 48 | 390 |
| 2,4-Dichlorophenol | | 390 | U | 55 | 390 |
| 2,4-Dimethylphenol | | 390 | U | 85 | 390 |
| 2,4-Dinitrophenol | | 1900 | U * | 130 | 1900 |
| 4,6-Dinitro-2-methylphenol | | 1900 | U | 43 | 1900 |
| 2-Nitrophenol | | 390 | U | 49 | 390 |
| 4-Nitrophenol | | 1900 | U | 53 | 1900 |
| Pentachlorophenol | | 1900 | U | 340 | 1900 |
| Phenol | | 390 | U | 51 | 390 |
| 2,4,5-Trichlorophenol | | 1900 | U | 60 | 1900 |
| 2,4,6-Trichlorophenol | | 390 | U | 43 | 390 |
| Benzyl alcohol | | 390 | U | 49 | 390 |
| 4-Nitroaniline | | 770 | U | 58 | 770 |
| 2,2'-oxybis[1-chloropropane] | | 390 | U | 51 | 390 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 88 | 32 - 131 |
| 2-Fluorophenol | 81 | 25 - 113 |
| 2,4,6-Tribromophenol | 86 | 24 - 150 |
| Nitrobenzene-d5 | 84 | 25 - 120 |
| Phenol-d5 | 85 | 27 - 122 |
| Terphenyl-d14 | 105 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-8 8'**

Lab Sample ID: 220-978-11
Client Matrix: Solid
% Moisture: 22.1

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2002
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1787.D
Initial Weight/Volume: 15.1 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 420 | U | 61 | 420 |
| Acenaphthylene | | 420 | U | 53 | 420 |
| Anthracene | | 420 | U | 71 | 420 |
| Benzo[a]anthracene | | 420 | U | 76 | 420 |
| Benzo[a]pyrene | | 420 | U | 74 | 420 |
| Benzo[b]fluoranthene | | 420 | U | 54 | 420 |
| Benzo[g,h,i]perylene | | 420 | U | 78 | 420 |
| Benzo[k]fluoranthene | | 420 | U | 110 | 420 |
| Bis(2-chloroethoxy)methane | | 420 | U | 57 | 420 |
| Bis(2-chloroethyl)ether | | 420 | U | 55 | 420 |
| Bis(2-ethylhexyl) phthalate | | 420 | U | 110 | 420 |
| Butyl benzyl phthalate | | 420 | U | 77 | 420 |
| Carbazole | | 420 | U | 69 | 420 |
| Chrysene | | 420 | U | 84 | 420 |
| Di-n-butyl phthalate | | 420 | U | 76 | 420 |
| Di-n-octyl phthalate | | 420 | U | 64 | 420 |
| 4-Bromophenyl phenyl ether | | 420 | U | 64 | 420 |
| 4-Chloroaniline | | 420 | U | 66 | 420 |
| 2-Chloronaphthalene | | 420 | U | 55 | 420 |
| 4-Chlorophenyl phenyl ether | | 420 | U | 63 | 420 |
| Dibenz(a,h)anthracene | | 420 | U | 62 | 420 |
| Dibenzofuran | | 420 | U | 73 | 420 |
| Diethyl phthalate | | 420 | U | 61 | 420 |
| Dimethyl phthalate | | 420 | U | 50 | 420 |
| 1,2-Dichlorobenzene | | 420 | U | 64 | 420 |
| 1,3-Dichlorobenzene | | 420 | U | 62 | 420 |
| 1,4-Dichlorobenzene | | 420 | U | 51 | 420 |
| 3,3'-Dichlorobenzidine | | 840 | U | 63 | 840 |
| 2,4-Dinitrotoluene | | 420 | U | 53 | 420 |
| 2,6-Dinitrotoluene | | 420 | U | 45 | 420 |
| Fluoranthene | | 420 | U | 80 | 420 |
| Fluorene | | 420 | U | 55 | 420 |
| Hexachlorobenzene | | 420 | U | 69 | 420 |
| Hexachlorobutadiene | | 420 | U | 59 | 420 |
| Hexachlorocyclopentadiene | | 420 | U | 44 | 420 |
| Hexachloroethane | | 420 | U | 58 | 420 |
| Indeno[1,2,3-cd]pyrene | | 420 | U | 68 | 420 |
| Isophorone | | 420 | U | 52 | 420 |
| 2-Methylnaphthalene | | 420 | U | 64 | 420 |
| Naphthalene | | 420 | U | 59 | 420 |
| 2-Nitroaniline | | 2000 | U | 65 | 2000 |
| 3-Nitroaniline | | 2000 | U | 57 | 2000 |
| Nitrobenzene | | 420 | U | 68 | 420 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-8 8'**

Lab Sample ID: 220-978-11
Client Matrix: Solid
% Moisture: 22.1
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2002
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1787.D
Initial Weight/Volume: 15.1 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 420 | U | 56 | 420 |
| N-Nitrosodiphenylamine | | 420 | U | 58 | 420 |
| Phenanthrene | | 420 | U | 70 | 420 |
| Pyrene | | 420 | U | 76 | 420 |
| 1,2,4-Trichlorobenzene | | 420 | U | 60 | 420 |
| 4-Chloro-3-methylphenol | | 420 | U | 63 | 420 |
| 2-Chlorophenol | | 420 | U | 55 | 420 |
| 2-Methylphenol | | 420 | U | 50 | 420 |
| 4-Methylphenol | | 420 | U | 53 | 420 |
| 2,4-Dichlorophenol | | 420 | U | 60 | 420 |
| 2,4-Dimethylphenol | | 420 | U | 92 | 420 |
| 2,4-Dinitrophenol | | 2000 | U * | 150 | 2000 |
| 4,6-Dinitro-2-methylphenol | | 2000 | U | 46 | 2000 |
| 2-Nitrophenol | | 420 | U | 54 | 420 |
| 4-Nitrophenol | | 2000 | U | 58 | 2000 |
| Pentachlorophenol | | 2000 | U | 370 | 2000 |
| Phenol | | 420 | U | 56 | 420 |
| 2,4,5-Trichlorophenol | | 2000 | U | 66 | 2000 |
| 2,4,6-Trichlorophenol | | 420 | U | 47 | 420 |
| Benzyl alcohol | | 420 | U | 54 | 420 |
| 4-Nitroaniline | | 840 | U | 63 | 840 |
| 2,2'-oxybis[1-chloropropane] | | 420 | U | 55 | 420 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 87 | 32 - 131 |
| 2-Fluorophenol | 92 | 25 - 113 |
| 2,4,6-Tribromophenol | 98 | 24 - 150 |
| Nitrobenzene-d5 | 89 | 25 - 120 |
| Phenol-d5 | 93 | 27 - 122 |
| Terphenyl-d14 | 109 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-9 0.5-1'**

Lab Sample ID: 220-978-12
Client Matrix: Solid
% Moisture: 17.4
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2024
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1788.D
Initial Weight/Volume: 15.5 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 390 | U | 56 | 390 |
| Acenaphthylene | | 390 | U | 49 | 390 |
| Anthracene | | 390 | U | 65 | 390 |
| Benzo[a]anthracene | | 210 | J | 70 | 390 |
| Benzo[a]pyrene | | 180 | J | 68 | 390 |
| Benzo[b]fluoranthene | | 420 | | 50 | 390 |
| Benzo[g,h,i]perylene | | 200 | J | 72 | 390 |
| Benzo[k]fluoranthene | | 170 | J | 100 | 390 |
| Bis(2-chloroethoxy)methane | | 390 | U | 52 | 390 |
| Bis(2-chloroethyl)ether | | 390 | U | 50 | 390 |
| Bis(2-ethylhexyl) phthalate | | 390 | U | 98 | 390 |
| Butyl benzyl phthalate | | 390 | U | 71 | 390 |
| Carbazole | | 390 | U | 64 | 390 |
| Chrysene | | 240 | J | 77 | 390 |
| Di-n-butyl phthalate | | 390 | U | 70 | 390 |
| Di-n-octyl phthalate | | 390 | U | 59 | 390 |
| 4-Bromophenyl phenyl ether | | 390 | U | 59 | 390 |
| 4-Chloroaniline | | 390 | U | 60 | 390 |
| 2-Chloronaphthalene | | 390 | U | 51 | 390 |
| 4-Chlorophenyl phenyl ether | | 390 | U | 58 | 390 |
| Dibenz(a,h)anthracene | | 390 | U | 57 | 390 |
| Dibenzofuran | | 390 | U | 67 | 390 |
| Diethyl phthalate | | 390 | U | 56 | 390 |
| Dimethyl phthalate | | 390 | U | 46 | 390 |
| 1,2-Dichlorobenzene | | 390 | U | 59 | 390 |
| 1,3-Dichlorobenzene | | 390 | U | 57 | 390 |
| 1,4-Dichlorobenzene | | 390 | U | 47 | 390 |
| 3,3'-Dichlorobenzidine | | 770 | U | 58 | 770 |
| 2,4-Dinitrotoluene | | 390 | U | 49 | 390 |
| 2,6-Dinitrotoluene | | 390 | U | 41 | 390 |
| Fluoranthene | | 420 | | 74 | 390 |
| Fluorene | | 390 | U | 50 | 390 |
| Hexachlorobenzene | | 390 | U | 63 | 390 |
| Hexachlorobutadiene | | 390 | U | 54 | 390 |
| Hexachlorocyclopentadiene | | 390 | U | 40 | 390 |
| Hexachloroethane | | 390 | U | 54 | 390 |
| Indeno[1,2,3-cd]pyrene | | 230 | J | 63 | 390 |
| Isophorone | | 390 | U | 48 | 390 |
| 2-Methylnaphthalene | | 390 | U | 59 | 390 |
| Naphthalene | | 390 | U | 54 | 390 |
| 2-Nitroaniline | | 1900 | U | 59 | 1900 |
| 3-Nitroaniline | | 1900 | U | 52 | 1900 |
| Nitrobenzene | | 390 | U | 62 | 390 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-9 0.5-1'**

Lab Sample ID: 220-978-12
Client Matrix: Solid
% Moisture: 17.4
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2024
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1788.D
Initial Weight/Volume: 15.5 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 390 | U | 52 | 390 |
| N-Nitrosodiphenylamine | | 390 | U | 53 | 390 |
| Phenanthrene | | 210 | J | 64 | 390 |
| Pyrene | | 260 | J | 70 | 390 |
| 1,2,4-Trichlorobenzene | | 390 | U | 55 | 390 |
| 4-Chloro-3-methylphenol | | 390 | U | 58 | 390 |
| 2-Chlorophenol | | 390 | U | 51 | 390 |
| 2-Methylphenol | | 390 | U | 46 | 390 |
| 4-Methylphenol | | 390 | U | 48 | 390 |
| 2,4-Dichlorophenol | | 390 | U | 55 | 390 |
| 2,4-Dimethylphenol | | 390 | U | 85 | 390 |
| 2,4-Dinitrophenol | | 1900 | U * | 130 | 1900 |
| 4,6-Dinitro-2-methylphenol | | 1900 | U | 43 | 1900 |
| 2-Nitrophenol | | 390 | U | 49 | 390 |
| 4-Nitrophenol | | 1900 | U | 53 | 1900 |
| Pentachlorophenol | | 1900 | U | 340 | 1900 |
| Phenol | | 390 | U | 52 | 390 |
| 2,4,5-Trichlorophenol | | 1900 | U | 61 | 1900 |
| 2,4,6-Trichlorophenol | | 390 | U | 43 | 390 |
| Benzyl alcohol | | 390 | U | 49 | 390 |
| 4-Nitroaniline | | 770 | U | 58 | 770 |
| 2,2'-oxybis[1-chloropropane] | | 390 | U | 51 | 390 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 79 | 32 - 131 |
| 2-Fluorophenol | 65 | 25 - 113 |
| 2,4,6-Tribromophenol | 66 | 24 - 150 |
| Nitrobenzene-d5 | 75 | 25 - 120 |
| Phenol-d5 | 76 | 27 - 122 |
| Terphenyl-d14 | 94 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-10 7'**

Lab Sample ID: 220-978-17
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2047
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1789.D
Initial Weight/Volume: 15.0 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 390 | U | 57 | 390 |
| Acenaphthylene | | 390 | U | 50 | 390 |
| Anthracene | | 390 | U | 66 | 390 |
| Benzo[a]anthracene | | 110 | J | 70 | 390 |
| Benzo[a]pyrene | | 100 | J | 68 | 390 |
| Benzo[b]fluoranthene | | 180 | J | 50 | 390 |
| Benzo[g,h,i]perylene | | 81 | J | 73 | 390 |
| Benzo[k]fluoranthene | | 390 | U | 100 | 390 |
| Bis(2-chloroethoxy)methane | | 390 | U | 53 | 390 |
| Bis(2-chloroethyl)ether | | 390 | U | 51 | 390 |
| Bis(2-ethylhexyl) phthalate | | 390 | U | 100 | 390 |
| Butyl benzyl phthalate | | 390 | U | 71 | 390 |
| Carbazole | | 390 | U | 64 | 390 |
| Chrysene | | 100 | J | 78 | 390 |
| Di-n-butyl phthalate | | 390 | U | 71 | 390 |
| Di-n-octyl phthalate | | 390 | U | 60 | 390 |
| 4-Bromophenyl phenyl ether | | 390 | U | 59 | 390 |
| 4-Chloroaniline | | 390 | U | 61 | 390 |
| 2-Chloronaphthalene | | 390 | U | 51 | 390 |
| 4-Chlorophenyl phenyl ether | | 390 | U | 59 | 390 |
| Dibenz(a,h)anthracene | | 390 | U | 58 | 390 |
| Dibenzofuran | | 390 | U | 68 | 390 |
| Diethyl phthalate | | 390 | U | 57 | 390 |
| Dimethyl phthalate | | 390 | U | 47 | 390 |
| 1,2-Dichlorobenzene | | 390 | U | 59 | 390 |
| 1,3-Dichlorobenzene | | 390 | U | 58 | 390 |
| 1,4-Dichlorobenzene | | 390 | U | 48 | 390 |
| 3,3'-Dichlorobenzidine | | 780 | U | 59 | 780 |
| 2,4-Dinitrotoluene | | 390 | U | 49 | 390 |
| 2,6-Dinitrotoluene | | 390 | U | 42 | 390 |
| Fluoranthene | | 150 | J | 75 | 390 |
| Fluorene | | 390 | U | 51 | 390 |
| Hexachlorobenzene | | 390 | U | 64 | 390 |
| Hexachlorobutadiene | | 390 | U | 55 | 390 |
| Hexachlorocyclopentadiene | | 390 | U | 41 | 390 |
| Hexachloroethane | | 390 | U | 54 | 390 |
| Indeno[1,2,3-cd]pyrene | | 93 | J | 63 | 390 |
| Isophorone | | 390 | U | 49 | 390 |
| 2-Methylnaphthalene | | 75 | J | 59 | 390 |
| Naphthalene | | 390 | U | 55 | 390 |
| 2-Nitroaniline | | 1900 | U | 60 | 1900 |
| 3-Nitroaniline | | 1900 | U | 53 | 1900 |
| Nitrobenzene | | 390 | U | 63 | 390 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-10 7'**

Lab Sample ID: 220-978-17
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2047
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1789.D
Initial Weight/Volume: 15.0 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 390 | U | 52 | 390 |
| N-Nitrosodiphenylamine | | 390 | U | 54 | 390 |
| Phenanthrene | | 110 | J | 65 | 390 |
| Pyrene | | 120 | J | 71 | 390 |
| 1,2,4-Trichlorobenzene | | 390 | U | 56 | 390 |
| 4-Chloro-3-methylphenol | | 390 | U | 59 | 390 |
| 2-Chlorophenol | | 390 | U | 52 | 390 |
| 2-Methylphenol | | 390 | U | 47 | 390 |
| 4-Methylphenol | | 390 | U | 49 | 390 |
| 2,4-Dichlorophenol | | 390 | U | 56 | 390 |
| 2,4-Dimethylphenol | | 390 | U | 86 | 390 |
| 2,4-Dinitrophenol | | 1900 | U * | 140 | 1900 |
| 4,6-Dinitro-2-methylphenol | | 1900 | U | 43 | 1900 |
| 2-Nitrophenol | | 390 | U | 50 | 390 |
| 4-Nitrophenol | | 1900 | U | 53 | 1900 |
| Pentachlorophenol | | 1900 | U | 340 | 1900 |
| Phenol | | 390 | U | 52 | 390 |
| 2,4,5-Trichlorophenol | | 1900 | U | 61 | 1900 |
| 2,4,6-Trichlorophenol | | 390 | U | 43 | 390 |
| Benzyl alcohol | | 390 | U | 50 | 390 |
| 4-Nitroaniline | | 780 | U | 59 | 780 |
| 2,2'-oxybis[1-chloropropane] | | 390 | U | 51 | 390 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 72 | 32 - 131 |
| 2-Fluorophenol | 68 | 25 - 113 |
| 2,4,6-Tribromophenol | 72 | 24 - 150 |
| Nitrobenzene-d5 | 68 | 25 - 120 |
| Phenol-d5 | 72 | 27 - 122 |
| Terphenyl-d14 | 84 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 0.5'**

Lab Sample ID: 220-978-18
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/12/2007 2127
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4228
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1820.D
Initial Weight/Volume: 15.0 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 220 | J | 54 | 370 |
| Acenaphthylene | | 140 | J | 47 | 370 |
| Anthracene | | 190 | J | 63 | 370 |
| Benzo[a]anthracene | | 640 | | 67 | 370 |
| Benzo[a]pyrene | | 950 | | 65 | 370 |
| Benzo[b]fluoranthene | | 1200 | | 48 | 370 |
| Benzo[g,h,i]perylene | | 1800 | | 69 | 370 |
| Benzo[k]fluoranthene | | 440 | | 98 | 370 |
| Bis(2-chloroethoxy)methane | | 370 | U | 50 | 370 |
| Bis(2-chloroethyl)ether | | 370 | U | 48 | 370 |
| Bis(2-ethylhexyl) phthalate | | 370 | U | 95 | 370 |
| Butyl benzyl phthalate | | 370 | U | 68 | 370 |
| Carbazole | | 71 | J | 61 | 370 |
| Chrysene | | 730 | | 74 | 370 |
| Di-n-butyl phthalate | | 370 | U | 67 | 370 |
| Di-n-octyl phthalate | | 370 | U | 57 | 370 |
| 4-Bromophenyl phenyl ether | | 370 | U | 56 | 370 |
| 4-Chloroaniline | | 370 | U | 58 | 370 |
| 2-Chloronaphthalene | | 370 | U | 49 | 370 |
| 4-Chlorophenyl phenyl ether | | 370 | U | 56 | 370 |
| Dibenz(a,h)anthracene | | 270 | J | 55 | 370 |
| Dibenzofuran | | 71 | J | 65 | 370 |
| Diethyl phthalate | | 370 | U | 54 | 370 |
| Dimethyl phthalate | | 370 | U | 44 | 370 |
| 1,2-Dichlorobenzene | | 370 | U | 56 | 370 |
| 1,3-Dichlorobenzene | | 370 | U | 55 | 370 |
| 1,4-Dichlorobenzene | | 370 | U | 45 | 370 |
| 3,3'-Dichlorobenzidine | | 750 | U | 56 | 750 |
| 2,4-Dinitrotoluene | | 370 | U | 47 | 370 |
| 2,6-Dinitrotoluene | | 370 | U | 40 | 370 |
| Fluoranthene | | 820 | | 71 | 370 |
| Fluorene | | 65 | J | 48 | 370 |
| Hexachlorobenzene | | 370 | U | 61 | 370 |
| Hexachlorobutadiene | | 370 | U | 52 | 370 |
| Hexachlorocyclopentadiene | | 370 | U | 39 | 370 |
| Hexachloroethane | | 370 | U | 52 | 370 |
| Indeno[1,2,3-cd]pyrene | | 1400 | | 60 | 370 |
| Isophorone | | 370 | U | 46 | 370 |
| 2-Methylnaphthalene | | 200 | J | 56 | 370 |
| Naphthalene | | 180 | J | 52 | 370 |
| 2-Nitroaniline | | 1800 | U | 57 | 1800 |
| 3-Nitroaniline | | 1800 | U | 50 | 1800 |
| Nitrobenzene | | 370 | U | 60 | 370 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 0.5'**

Lab Sample ID: 220-978-18
Client Matrix: Solid
% Moisture: 11.5
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/12/2007 2127
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4228
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1820.D
Initial Weight/Volume: 15.0 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 370 | U | 50 | 370 |
| N-Nitrosodiphenylamine | | 370 | U | 51 | 370 |
| Phenanthrene | | 440 | | 62 | 370 |
| Pyrene | | 750 | | 68 | 370 |
| 1,2,4-Trichlorobenzene | | 370 | U | 53 | 370 |
| 4-Chloro-3-methylphenol | | 370 | U | 56 | 370 |
| 2-Chlorophenol | | 370 | U | 49 | 370 |
| 2-Methylphenol | | 370 | U | 45 | 370 |
| 4-Methylphenol | | 370 | U | 47 | 370 |
| 2,4-Dichlorophenol | | 370 | U | 53 | 370 |
| 2,4-Dimethylphenol | | 370 | U | 82 | 370 |
| 2,4-Dinitrophenol | | 1800 | U * | 130 | 1800 |
| 4,6-Dinitro-2-methylphenol | | 1800 | U | 41 | 1800 |
| 2-Nitrophenol | | 370 | U | 48 | 370 |
| 4-Nitrophenol | | 1800 | U | 51 | 1800 |
| Pentachlorophenol | | 1800 | U | 330 | 1800 |
| Phenol | | 370 | U | 50 | 370 |
| 2,4,5-Trichlorophenol | | 1800 | U | 58 | 1800 |
| 2,4,6-Trichlorophenol | | 370 | U | 41 | 370 |
| Benzyl alcohol | | 370 | U | 48 | 370 |
| 4-Nitroaniline | | 750 | U | 56 | 750 |
| 2,2'-oxybis[1-chloropropane] | | 370 | U | 49 | 370 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 69 | 32 - 131 |
| 2-Fluorophenol | 57 | 25 - 113 |
| 2,4,6-Tribromophenol | 67 | 24 - 150 |
| Nitrobenzene-d5 | 69 | 25 - 120 |
| Phenol-d5 | 69 | 27 - 122 |
| Terphenyl-d14 | 74 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 4'**

Lab Sample ID: 220-978-19
Client Matrix: Solid
% Moisture: 12.1

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 4.0
Date Analyzed: 03/11/2007 0005
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1798.D
Initial Weight/Volume: 15.5 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 2100 | | 210 | 1500 |
| Acenaphthylene | | 1500 | U | 180 | 1500 |
| Anthracene | | 2900 | | 240 | 1500 |
| Benzo[a]anthracene | | 4000 | | 260 | 1500 |
| Benzo[a]pyrene | | 3200 | | 250 | 1500 |
| Benzo[b]fluoranthene | | 4300 | | 190 | 1500 |
| Benzo[g,h,i]perylene | | 3000 | | 270 | 1500 |
| Benzo[k]fluoranthene | | 1700 | | 380 | 1500 |
| Bis(2-chloroethoxy)methane | | 1500 | U | 200 | 1500 |
| Bis(2-chloroethyl)ether | | 1500 | U | 190 | 1500 |
| Bis(2-ethylhexyl) phthalate | | 6700 | | 370 | 1500 |
| Butyl benzyl phthalate | | 440 | J | 270 | 1500 |
| Carbazole | | 1600 | | 240 | 1500 |
| Chrysene | | 4800 | | 290 | 1500 |
| Di-n-butyl phthalate | | 1300 | J | 260 | 1500 |
| Di-n-octyl phthalate | | 1500 | U | 220 | 1500 |
| 4-Bromophenyl phenyl ether | | 1500 | U | 220 | 1500 |
| 4-Chloroaniline | | 1500 | U | 230 | 1500 |
| 2-Chloronaphthalene | | 1500 | U | 190 | 1500 |
| 4-Chlorophenyl phenyl ether | | 1500 | U | 220 | 1500 |
| Dibenz(a,h)anthracene | | 820 | J | 210 | 1500 |
| Dibenzofuran | | 1800 | | 250 | 1500 |
| Diethyl phthalate | | 1500 | U | 210 | 1500 |
| Dimethyl phthalate | | 1500 | U | 170 | 1500 |
| 1,2-Dichlorobenzene | | 240 | J | 220 | 1500 |
| 1,3-Dichlorobenzene | | 1500 | U | 220 | 1500 |
| 1,4-Dichlorobenzene | | 1500 | U | 180 | 1500 |
| 3,3'-Dichlorobenzidine | | 2900 | U | 220 | 2900 |
| 2,4-Dinitrotoluene | | 1500 | U | 180 | 1500 |
| 2,6-Dinitrotoluene | | 1500 | U | 150 | 1500 |
| Fluoranthene | | 12000 | | 280 | 1500 |
| Fluorene | | 5200 | | 190 | 1500 |
| Hexachlorobenzene | | 1500 | U | 240 | 1500 |
| Hexachlorobutadiene | | 1500 | U | 200 | 1500 |
| Hexachlorocyclopentadiene | | 1500 | U | 150 | 1500 |
| Hexachloroethane | | 1500 | U | 200 | 1500 |
| Indeno[1,2,3-cd]pyrene | | 3100 | | 240 | 1500 |
| Isophorone | | 1500 | U | 180 | 1500 |
| 2-Methylnaphthalene | | 6100 | | 220 | 1500 |
| Naphthalene | | 6400 | | 200 | 1500 |
| 2-Nitroaniline | | 7000 | U | 220 | 7000 |
| 3-Nitroaniline | | 7000 | U | 200 | 7000 |
| Nitrobenzene | | 1500 | U | 230 | 1500 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 4'**

Lab Sample ID: 220-978-19
Client Matrix: Solid
% Moisture: 12.1

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 4.0
Date Analyzed: 03/11/2007 0005
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1798.D
Initial Weight/Volume: 15.5 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 1500 | U | 190 | 1500 |
| N-Nitrosodiphenylamine | | 1500 | U | 200 | 1500 |
| Phenanthrene | | 17000 | | 240 | 1500 |
| Pyrene | | 7900 | | 260 | 1500 |
| 1,2,4-Trichlorobenzene | | 1500 | U | 210 | 1500 |
| 4-Chloro-3-methylphenol | | 1500 | U | 220 | 1500 |
| 2-Chlorophenol | | 1500 | U | 190 | 1500 |
| 2-Methylphenol | | 1500 | U | 170 | 1500 |
| 4-Methylphenol | | 4900 | J | 180 | 1500 |
| 2,4-Dichlorophenol | | 1500 | U | 210 | 1500 |
| 2,4-Dimethylphenol | | 1200 | ~~U~~ J | 320 | 1500 |
| 2,4-Dinitrophenol | | 7000 | U * | 510 | 7000 |
| 4,6-Dinitro-2-methylphenol | | 7000 | U | 160 | 7000 |
| 2-Nitrophenol | | 1500 | U | 190 | 1500 |
| 4-Nitrophenol | | 7000 | U | 200 | 7000 |
| Pentachlorophenol | | 7000 | U | 1300 | 7000 |
| Phenol | | 5800 | J | 190 | 1500 |
| 2,4,5-Trichlorophenol | | 7000 | U | 230 | 7000 |
| 2,4,6-Trichlorophenol | | 1500 | U | 160 | 1500 |
| Benzyl alcohol | | 1500 | U | 190 | 1500 |
| 4-Nitroaniline | | 2900 | U | 220 | 2900 |
| 2,2'-oxybis[1-chloropropane] | | 1500 | U | 190 | 1500 |

| Surrogate | %Rec | | Acceptance Limits |
|---|---|---|---|
| 2-Fluorobiphenyl | 121 | | 32 - 131 |
| 2-Fluorophenol | 152 | * | 25 - 113 |
| 2,4,6-Tribromophenol | 90 | | 24 - 150 |
| Nitrobenzene-d5 | 111 | | 25 - 120 |
| Phenol-d5 | 158 | * | 27 - 122 |
| Terphenyl-d14 | 113 | | 35 - 140 |

aem 4/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 8'**

Lab Sample ID: 220-978-20
Client Matrix: Solid
% Moisture: 18.2

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2109
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1790.D
Initial Weight/Volume: 15.2 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 110 | J | 58 | 400 |
| Acenaphthylene | | 400 | U | 50 | 400 |
| Anthracene | | 120 | J | 67 | 400 |
| Benzo[a]anthracene | | 200 | J | 72 | 400 |
| Benzo[a]pyrene | | 200 | J | 70 | 400 |
| Benzo[b]fluoranthene | | 290 | J | 51 | 400 |
| Benzo[g,h,i]perylene | | 200 | J | 74 | 400 |
| Benzo[k]fluoranthene | | 400 | U | 100 | 400 |
| Bis(2-chloroethoxy)methane | | 400 | U | 54 | 400 |
| Bis(2-chloroethyl)ether | | 400 | U | 52 | 400 |
| Bis(2-ethylhexyl) phthalate | | 650 | | 100 | 400 |
| Butyl benzyl phthalate | | 100 | ~~J~~ J | 73 | 400 |
| Carbazole | | 400 | U | 66 | 400 |
| Chrysene | | 280 | J | 79 | 400 |
| Di-n-butyl phthalate | | 400 | U | 72 | 400 |
| Di-n-octyl phthalate | | 400 | U | 61 | 400 |
| 4-Bromophenyl phenyl ether | | 400 | U | 60 | 400 |
| 4-Chloroaniline | | 400 | U | 62 | 400 |
| 2-Chloronaphthalene | | 400 | U | 52 | 400 |
| 4-Chlorophenyl phenyl ether | | 400 | U | 60 | 400 |
| Dibenz(a,h)anthracene | | 400 | U | 59 | 400 |
| Dibenzofuran | | 88 | J | 69 | 400 |
| Diethyl phthalate | | 400 | U | 58 | 400 |
| Dimethyl phthalate | | 400 | U | 47 | 400 |
| 1,2-Dichlorobenzene | | 90 | J | 60 | 400 |
| 1,3-Dichlorobenzene | | 400 | U | 59 | 400 |
| 1,4-Dichlorobenzene | | 400 | U | 49 | 400 |
| 3,3'-Dichlorobenzidine | | 800 | U | 60 | 800 |
| 2,4-Dinitrotoluene | | 400 | U | 50 | 400 |
| 2,6-Dinitrotoluene | | 400 | U | 42 | 400 |
| Fluoranthene | | 480 | | 76 | 400 |
| Fluorene | | 150 | J | 52 | 400 |
| Hexachlorobenzene | | 400 | U | 65 | 400 |
| Hexachlorobutadiene | | 400 | U | 56 | 400 |
| Hexachlorocyclopentadiene | | 400 | U | 42 | 400 |
| Hexachloroethane | | 400 | U | 55 | 400 |
| Indeno[1,2,3-cd]pyrene | | 170 | J | 65 | 400 |
| Isophorone | | 400 | U | 49 | 400 |
| 2-Methylnaphthalene | | 310 | J | 60 | 400 |
| Naphthalene | | 390 | J | 56 | 400 |
| 2-Nitroaniline | | 1900 | U | 61 | 1900 |
| 3-Nitroaniline | | 1900 | U | 54 | 1900 |
| Nitrobenzene | | 400 | U | 64 | 400 |

arm
4/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-11 8'**

Lab Sample ID: 220-978-20
Client Matrix: Solid
% Moisture: 18.2

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2109
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1790.D
Initial Weight/Volume: 15.2 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 400 | U | 53 | 400 |
| N-Nitrosodiphenylamine | | 400 | U | 55 | 400 |
| Phenanthrene | | 590 | | 66 | 400 |
| Pyrene | | 460 | | 72 | 400 |
| 1,2,4-Trichlorobenzene | | 400 | U | 57 | 400 |
| 4-Chloro-3-methylphenol | | 400 | U | 60 | 400 |
| 2-Chlorophenol | | 400 | U | 52 | 400 |
| 2-Methylphenol | | 350 | J | 48 | 400 |
| 4-Methylphenol | | 1700 | | 50 | 400 |
| 2,4-Dichlorophenol | | 400 | U | 57 | 400 |
| 2,4-Dimethylphenol | | 1200 | | 87 | 400 |
| 2,4-Dinitrophenol | | 1900 | U * | 140 | 1900 |
| 4,6-Dinitro-2-methylphenol | | 1900 | U | 44 | 1900 |
| 2-Nitrophenol | | 400 | U | 51 | 400 |
| 4-Nitrophenol | | 1900 | U | 54 | 1900 |
| Pentachlorophenol | | 1900 | U | 350 | 1900 |
| Phenol | | 3000 | | 53 | 400 |
| 2,4,5-Trichlorophenol | | 1900 | U | 62 | 1900 |
| 2,4,6-Trichlorophenol | | 400 | U | 44 | 400 |
| Benzyl alcohol | | 400 | U | 51 | 400 |
| 4-Nitroaniline | | 800 | U | 60 | 800 |
| 2,2'-oxybis[1-chloropropane] | | 400 | U | 52 | 400 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 88 | 32 - 131 |
| 2-Fluorophenol | 82 | 25 - 113 |
| 2,4,6-Tribromophenol | 85 | 24 - 150 |
| Nitrobenzene-d5 | 82 | 25 - 120 |
| Phenol-d5 | 86 | 27 - 122 |
| Terphenyl-d14 | 88 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-12 0.5'**

Lab Sample ID: 220-978-21
Client Matrix: Solid
% Moisture: 42.2
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2131
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1791.D
Initial Weight/Volume: 15.6 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 550 | U | 80 | 550 |
| Acenaphthylene | | 550 | U | 69 | 550 |
| Anthracene | | 550 | U | 92 | 550 |
| Benzo[a]anthracene | | 550 | U | 99 | 550 |
| Benzo[a]pyrene | | 550 | U | 96 | 550 |
| Benzo[b]fluoranthene | | 550 | U | 71 | 550 |
| Benzo[g,h,i]perylene | | 550 | U | 100 | 550 |
| Benzo[k]fluoranthene | | 550 | U | 140 | 550 |
| Bis(2-chloroethoxy)methane | | 550 | U | 74 | 550 |
| Bis(2-chloroethyl)ether | | 550 | U | 71 | 550 |
| Bis(2-ethylhexyl) phthalate | | 550 | U | 140 | 550 |
| Butyl benzyl phthalate | | 550 | U | 100 | 550 |
| Carbazole | | 550 | U | 90 | 550 |
| Chrysene | | 550 | U | 110 | 550 |
| Di-n-butyl phthalate | | 550 | U | 99 | 550 |
| Di-n-octyl phthalate | | 550 | U | 84 | 550 |
| 4-Bromophenyl phenyl ether | | 550 | U | 83 | 550 |
| 4-Chloroaniline | | 550 | U | 86 | 550 |
| 2-Chloronaphthalene | | 550 | U | 72 | 550 |
| 4-Chlorophenyl phenyl ether | | 550 | U | 83 | 550 |
| Dibenz(a,h)anthracene | | 550 | U | 81 | 550 |
| Dibenzofuran | | 550 | U | 96 | 550 |
| Diethyl phthalate | | 550 | U | 80 | 550 |
| Dimethyl phthalate | | 550 | U | 65 | 550 |
| 1,2-Dichlorobenzene | | 550 | U | 83 | 550 |
| 1,3-Dichlorobenzene | | 550 | U | 81 | 550 |
| 1,4-Dichlorobenzene | | 550 | U | 67 | 550 |
| 3,3'-Dichlorobenzidine | | 1100 | U | 83 | 1100 |
| 2,4-Dinitrotoluene | | 550 | U | 69 | 550 |
| 2,6-Dinitrotoluene | | 550 | U | 58 | 550 |
| Fluoranthene | | 550 | U | 100 | 550 |
| Fluorene | | 550 | U | 71 | 550 |
| Hexachlorobenzene | | 550 | U | 90 | 550 |
| Hexachlorobutadiene | | 550 | U | 77 | 550 |
| Hexachlorocyclopentadiene | | 550 | U | 57 | 550 |
| Hexachloroethane | | 550 | U | 76 | 550 |
| Indeno[1,2,3-cd]pyrene | | 550 | U | 89 | 550 |
| Isophorone | | 550 | U | 68 | 550 |
| 2-Methylnaphthalene | | 550 | U | 83 | 550 |
| Naphthalene | | 550 | U | 77 | 550 |
| 2-Nitroaniline | | 2700 | U | 84 | 2700 |
| 3-Nitroaniline | | 2700 | U | 74 | 2700 |
| Nitrobenzene | | 550 | U | 89 | 550 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-12 0.5'**

Lab Sample ID: 220-978-21
Client Matrix: Solid
% Moisture: 42.2

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/10/2007 2131
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1791.D
Initial Weight/Volume: 15.6 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 550 | U | 73 | 550 |
| N-Nitrosodiphenylamine | | 550 | U | 75 | 550 |
| Phenanthrene | | 550 | U | 91 | 550 |
| Pyrene | | 550 | U | 99 | 550 |
| 1,2,4-Trichlorobenzene | | 550 | U | 78 | 550 |
| 4-Chloro-3-methylphenol | | 550 | U | 82 | 550 |
| 2-Chlorophenol | | 550 | U | 72 | 550 |
| 2-Methylphenol | | 550 | U | 66 | 550 |
| 4-Methylphenol | | 550 | U | 69 | 550 |
| 2,4-Dichlorophenol | | 550 | U | 78 | 550 |
| 2,4-Dimethylphenol | | 550 | U | 120 | 550 |
| 2,4-Dinitrophenol | | 2700 | U * | 190 | 2700 |
| 4,6-Dinitro-2-methylphenol | | 2700 | U | 61 | 2700 |
| 2-Nitrophenol | | 550 | U | 70 | 550 |
| 4-Nitrophenol | | 2700 | U | 75 | 2700 |
| Pentachlorophenol | | 2700 | U | 480 | 2700 |
| Phenol | | 550 | U | 73 | 550 |
| 2,4,5-Trichlorophenol | | 2700 | U | 86 | 2700 |
| 2,4,6-Trichlorophenol | | 550 | U | 61 | 550 |
| Benzyl alcohol | | 550 | U | 70 | 550 |
| 4-Nitroaniline | | 1100 | U | 83 | 1100 |
| 2,2'-oxybis[1-chloropropane] | | 550 | U | 72 | 550 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 52 | 32 - 131 |
| 2-Fluorophenol | 49 | 25 - 113 |
| 2,4,6-Tribromophenol | 46 | 24 - 150 |
| Nitrobenzene-d5 | 49 | 25 - 120 |
| Phenol-d5 | 52 | 27 - 122 |
| Terphenyl-d14 | 66 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-12 4'**

Lab Sample ID: 220-978-22
Client Matrix: Solid
% Moisture: 41.8

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/08/2007 1706
Date Prepared: 03/08/2007 1028

Analysis Batch: 220-4178
Prep Batch: 220-4100

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: U0649.D
Initial Weight/Volume: 15.24 g
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 560 | U | 82 | 560 |
| Acenaphthylene | | 560 | U | 71 | 560 |
| Anthracene | | 560 | U | 94 | 560 |
| Benzo[a]anthracene | | 560 | U | 100 | 560 |
| Benzo[a]pyrene | | 560 | U | 98 | 560 |
| Benzo[b]fluoranthene | | 560 | U | 72 | 560 |
| Benzo[g,h,i]perylene | | 560 | U | 100 | 560 |
| Benzo[k]fluoranthene | | 560 | U | 150 | 560 |
| Bis(2-chloroethoxy)methane | | 560 | U | 75 | 560 |
| Bis(2-chloroethyl)ether | | 560 | U | 72 | 560 |
| Bis(2-ethylhexyl) phthalate | | 560 | U | 140 | 560 |
| Butyl benzyl phthalate | | 560 | U | 100 | 560 |
| Carbazole | | 560 | U | 92 | 560 |
| Chrysene | | 560 | U | 110 | 560 |
| Di-n-butyl phthalate | | 560 | U | 100 | 560 |
| Di-n-octyl phthalate | | 560 | U | 85 | 560 |
| 4-Bromophenyl phenyl ether | | 560 | U | 85 | 560 |
| 4-Chloroaniline | | 560 | U | 87 | 560 |
| 2-Chloronaphthalene | | 560 | U | 73 | 560 |
| 4-Chlorophenyl phenyl ether | | 560 | U | 84 | 560 |
| Dibenz(a,h)anthracene | | 560 | U | 82 | 560 |
| Dibenzofuran | | 560 | U | 97 | 560 |
| Diethyl phthalate | | 560 | U | 81 | 560 |
| Dimethyl phthalate | | 560 | U | 66 | 560 |
| 1,2-Dichlorobenzene | | 560 | U | 85 | 560 |
| 1,3-Dichlorobenzene | | 560 | U | 83 | 560 |
| 1,4-Dichlorobenzene | | 560 | U | 68 | 560 |
| 3,3'-Dichlorobenzidine | | 1100 | U | 84 | 1100 |
| 2,4-Dinitrotoluene | | 560 | U | 70 | 560 |
| 2,6-Dinitrotoluene | | 560 | U | 59 | 560 |
| Fluoranthene | | 560 | U | 110 | 560 |
| Fluorene | | 560 | U | 72 | 560 |
| Hexachlorobenzene | | 560 | U | 92 | 560 |
| Hexachlorobutadiene | | 560 | U | 78 | 560 |
| Hexachlorocyclopentadiene | | 560 | U | 58 | 560 |
| Hexachloroethane | | 560 | U | 77 | 560 |
| Indeno[1,2,3-cd]pyrene | | 560 | U | 90 | 560 |
| Isophorone | | 560 | U | 69 | 560 |
| 2-Methylnaphthalene | | 560 | U | 85 | 560 |
| Naphthalene | | 560 | U | 78 | 560 |
| 2-Nitroaniline | | 2700 | U | 86 | 2700 |
| 3-Nitroaniline | | 2700 | U | 75 | 2700 |
| Nitrobenzene | | 560 | U | 90 | 560 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-12 4'**

Lab Sample ID: 220-978-22
Client Matrix: Solid
% Moisture: 41.8
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/08/2007 1706
Date Prepared: 03/08/2007 1028

Analysis Batch: 220-4178
Prep Batch: 220-4100

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: U0649.D
Initial Weight/Volume: 15.24 g
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 560 | U | 75 | 560 |
| N-Nitrosodiphenylamine | | 560 | U | 77 | 560 |
| Phenanthrene | | 560 | U | 93 | 560 |
| Pyrene | | 560 | U | 100 | 560 |
| 1,2,4-Trichlorobenzene | | 560 | U | 79 | 560 |
| 4-Chloro-3-methylphenol | | 560 | U | 84 | 560 |
| 2-Chlorophenol | | 560 | U | 74 | 560 |
| 2-Methylphenol | | 560 | U | 67 | 560 |
| 4-Methylphenol | | 560 | U | 70 | 560 |
| 2,4-Dichlorophenol | | 560 | U | 79 | 560 |
| 2,4-Dimethylphenol | | 560 | U | 120 | 560 |
| 2,4-Dinitrophenol | | 2700 | U * | 190 | 2700 |
| 4,6-Dinitro-2-methylphenol | | 2700 | U | 62 | 2700 |
| 2-Nitrophenol | | 560 | U | 71 | 560 |
| 4-Nitrophenol | | 2700 | U | 76 | 2700 |
| Pentachlorophenol | | 2700 | U | 490 | 2700 |
| Phenol | | 560 | U | 74 | 560 |
| 2,4,5-Trichlorophenol | | 2700 | U | 87 | 2700 |
| 2,4,6-Trichlorophenol | | 560 | U | 62 | 560 |
| Benzyl alcohol | | 560 | U | 71 | 560 |
| 4-Nitroaniline | | 1100 | U | 84 | 1100 |
| 2,2'-oxybis[1-chloropropane] | | 560 | U | 73 | 560 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 58 | 32 - 131 |
| 2-Fluorophenol | 40 | 25 - 113 |
| 2,4,6-Tribromophenol | 68 | 24 - 150 |
| Nitrobenzene-d5 | 58 | 25 - 120 |
| Phenol-d5 | 63 | 27 - 122 |
| Terphenyl-d14 | 68 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 0.5'**

Lab Sample ID: 220-978-23
Client Matrix: Solid
% Moisture: 13.9
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/08/2007 1730
Date Prepared: 03/08/2007 1028

Analysis Batch: 220-4178
Prep Batch: 220-4100

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: U0650.D
Initial Weight/Volume: 15.88 g
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 360 | U | 53 | 360 |
| Acenaphthylene | | 360 | U | 46 | 360 |
| Anthracene | | 360 | U | 61 | 360 |
| Benzo[a]anthracene | | 360 | U | 65 | 360 |
| Benzo[a]pyrene | | 360 | U | 63 | 360 |
| Benzo[b]fluoranthene | | 90 | J | 47 | 360 |
| Benzo[g,h,i]perylene | | 360 | U | 67 | 360 |
| Benzo[k]fluoranthene | | 360 | U | 95 | 360 |
| Bis(2-chloroethoxy)methane | | 360 | U | 49 | 360 |
| Bis(2-chloroethyl)ether | | 360 | U | 47 | 360 |
| Bis(2-ethylhexyl) phthalate | | 360 | U | 92 | 360 |
| Butyl benzyl phthalate | | 360 | U | 66 | 360 |
| Carbazole | | 360 | U | 60 | 360 |
| Chrysene | | 360 | U | 72 | 360 |
| Di-n-butyl phthalate | | 360 | U | 65 | 360 |
| Di-n-octyl phthalate | | 360 | U | 55 | 360 |
| 4-Bromophenyl phenyl ether | | 360 | U | 55 | 360 |
| 4-Chloroaniline | | 360 | U | 57 | 360 |
| 2-Chloronaphthalene | | 360 | U | 48 | 360 |
| 4-Chlorophenyl phenyl ether | | 360 | U | 55 | 360 |
| Dibenz(a,h)anthracene | | 360 | U | 53 | 360 |
| Dibenzofuran | | 360 | U | 63 | 360 |
| Diethyl phthalate | | 360 | U | 53 | 360 |
| Dimethyl phthalate | | 360 | U | 43 | 360 |
| 1,2-Dichlorobenzene | | 360 | U | 55 | 360 |
| 1,3-Dichlorobenzene | | 360 | U | 54 | 360 |
| 1,4-Dichlorobenzene | | 360 | U | 44 | 360 |
| 3,3'-Dichlorobenzidine | | 720 | U | 55 | 720 |
| 2,4-Dinitrotoluene | | 360 | U | 46 | 360 |
| 2,6-Dinitrotoluene | | 360 | U | 39 | 360 |
| Fluoranthene | | 79 | J | 69 | 360 |
| Fluorene | | 360 | U | 47 | 360 |
| Hexachlorobenzene | | 360 | U | 59 | 360 |
| Hexachlorobutadiene | | 360 | U | 51 | 360 |
| Hexachlorocyclopentadiene | | 360 | U | 38 | 360 |
| Hexachloroethane | | 360 | U | 50 | 360 |
| Indeno[1,2,3-cd]pyrene | | 65 | J | 59 | 360 |
| Isophorone | | 360 | U | 45 | 360 |
| 2-Methylnaphthalene | | 360 | U | 55 | 360 |
| Naphthalene | | 360 | U | 51 | 360 |
| 2-Nitroaniline | | 1800 | U | 56 | 1800 |
| 3-Nitroaniline | | 1800 | U | 49 | 1800 |
| Nitrobenzene | | 360 | U | 58 | 360 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 0.5'**

Lab Sample ID: 220-978-23
Client Matrix: Solid
% Moisture: 13.9

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/08/2007 1730
Date Prepared: 03/08/2007 1028

Analysis Batch: 220-4178
Prep Batch: 220-4100

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: U0650.D
Initial Weight/Volume: 15.88 g
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 360 | U | 49 | 360 |
| N-Nitrosodiphenylamine | | 360 | U | 50 | 360 |
| Phenanthrene | | 360 | U | 60 | 360 |
| Pyrene | | 88 | J | 66 | 360 |
| 1,2,4-Trichlorobenzene | | 360 | U | 51 | 360 |
| 4-Chloro-3-methylphenol | | 360 | U | 54 | 360 |
| 2-Chlorophenol | | 360 | U | 48 | 360 |
| 2-Methylphenol | | 360 | U | 43 | 360 |
| 4-Methylphenol | | 360 | U | 45 | 360 |
| 2,4-Dichlorophenol | | 360 | U | 52 | 360 |
| 2,4-Dimethylphenol | | 360 | U | 79 | 360 |
| 2,4-Dinitrophenol | | 1800 | U * | 130 | 1800 |
| 4,6-Dinitro-2-methylphenol | | 1800 | U | 40 | 1800 |
| 2-Nitrophenol | | 360 | U | 46 | 360 |
| 4-Nitrophenol | | 1800 | U | 49 | 1800 |
| Pentachlorophenol | | 1800 | U | 320 | 1800 |
| Phenol | | 360 | U | 48 | 360 |
| 2,4,5-Trichlorophenol | | 1800 | U | 57 | 1800 |
| 2,4,6-Trichlorophenol | | 360 | U | 40 | 360 |
| Benzyl alcohol | | 360 | U | 46 | 360 |
| 4-Nitroaniline | | 720 | U | 55 | 720 |
| 2,2'-oxybis[1-chloropropane] | | 360 | U | 47 | 360 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 69 | 32 - 131 |
| 2-Fluorophenol | 48 | 25 - 113 |
| 2,4,6-Tribromophenol | 94 | 24 - 150 |
| Nitrobenzene-d5 | 75 | 25 - 120 |
| Phenol-d5 | 84 | 27 - 122 |
| Terphenyl-d14 | 97 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 4'**

Lab Sample ID: 220-978-24
Client Matrix: Solid
% Moisture: 12.3

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/08/2007 1753
Date Prepared: 03/08/2007 1028

Analysis Batch: 220-4178
Prep Batch: 220-4100

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: U0651.D
Initial Weight/Volume: 15.88 g
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 360 | U | 52 | 360 |
| Acenaphthylene | | 110 | J | 45 | 360 |
| Anthracene | | 78 | J | 60 | 360 |
| Benzo[a]anthracene | | 320 | J | 64 | 360 |
| Benzo[a]pyrene | | 350 | J | 62 | 360 |
| Benzo[b]fluoranthene | | 480 | | 46 | 360 |
| Benzo[g,h,i]perylene | | 420 | | 66 | 360 |
| Benzo[k]fluoranthene | | 180 | J | 93 | 360 |
| Bis(2-chloroethoxy)methane | | 360 | U | 48 | 360 |
| Bis(2-chloroethyl)ether | | 360 | U | 46 | 360 |
| Bis(2-ethylhexyl) phthalate | | 120 | J | 91 | 360 |
| Butyl benzyl phthalate | | 360 | U | 65 | 360 |
| Carbazole | | 360 | U | 59 | 360 |
| Chrysene | | 360 | | 71 | 360 |
| Di-n-butyl phthalate | | 360 | U | 64 | 360 |
| Di-n-octyl phthalate | | 360 | U | 54 | 360 |
| 4-Bromophenyl phenyl ether | | 360 | U | 54 | 360 |
| 4-Chloroaniline | | 360 | U | 55 | 360 |
| 2-Chloronaphthalene | | 360 | U | 47 | 360 |
| 4-Chlorophenyl phenyl ether | | 360 | U | 54 | 360 |
| Dibenz(a,h)anthracene | | 98 | J | 52 | 360 |
| Dibenzofuran | | 360 | U | 62 | 360 |
| Diethyl phthalate | | 360 | U | 52 | 360 |
| Dimethyl phthalate | | 360 | U | 42 | 360 |
| 1,2-Dichlorobenzene | | 360 | U | 54 | 360 |
| 1,3-Dichlorobenzene | | 360 | U | 53 | 360 |
| 1,4-Dichlorobenzene | | 360 | U | 43 | 360 |
| 3,3'-Dichlorobenzidine | | 710 | U | 54 | 710 |
| 2,4-Dinitrotoluene | | 360 | U | 45 | 360 |
| 2,6-Dinitrotoluene | | 360 | U | 38 | 360 |
| Fluoranthene | | 550 | | 68 | 360 |
| Fluorene | | 360 | U | 46 | 360 |
| Hexachlorobenzene | | 360 | U | 58 | 360 |
| Hexachlorobutadiene | | 360 | U | 50 | 360 |
| Hexachlorocyclopentadiene | | 360 | U | 37 | 360 |
| Hexachloroethane | | 360 | U | 49 | 360 |
| Indeno[1,2,3-cd]pyrene | | 350 | J | 58 | 360 |
| Isophorone | | 360 | U | 44 | 360 |
| 2-Methylnaphthalene | | 360 | U | 54 | 360 |
| Naphthalene | | 58 | J | 50 | 360 |
| 2-Nitroaniline | | 1700 | U | 55 | 1700 |
| 3-Nitroaniline | | 1700 | U | 48 | 1700 |
| Nitrobenzene | | 360 | U | 57 | 360 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 4'**

Lab Sample ID: 220-978-24
Client Matrix: Solid
% Moisture: 12.3

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/08/2007 1753
Date Prepared: 03/08/2007 1028

Analysis Batch: 220-4178
Prep Batch: 220-4100

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: U0651.D
Initial Weight/Volume: 15.88 g
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 360 | U | 48 | 360 |
| N-Nitrosodiphenylamine | | 360 | U | 49 | 360 |
| Phenanthrene | | 270 | J | 59 | 360 |
| Pyrene | | 540 | | 64 | 360 |
| 1,2,4-Trichlorobenzene | | 360 | U | 51 | 360 |
| 4-Chloro-3-methylphenol | | 360 | U | 53 | 360 |
| 2-Chlorophenol | | 360 | U | 47 | 360 |
| 2-Methylphenol | | 360 | U | 43 | 360 |
| 4-Methylphenol | | 360 | U | 45 | 360 |
| 2,4-Dichlorophenol | | 360 | U | 51 | 360 |
| 2,4-Dimethylphenol | | 360 | U | 78 | 360 |
| 2,4-Dinitrophenol | | 1700 | U * | 120 | 1700 |
| 4,6-Dinitro-2-methylphenol | | 1700 | U | 39 | 1700 |
| 2-Nitrophenol | | 360 | U | 45 | 360 |
| 4-Nitrophenol | | 1700 | U | 49 | 1700 |
| Pentachlorophenol | | 1700 | U | 310 | 1700 |
| Phenol | | 360 | U | 47 | 360 |
| 2,4,5-Trichlorophenol | | 1700 | U | 56 | 1700 |
| 2,4,6-Trichlorophenol | | 360 | U | 40 | 360 |
| Benzyl alcohol | | 360 | U | 45 | 360 |
| 4-Nitroaniline | | 710 | U | 54 | 710 |
| 2,2'-oxybis[1-chloropropane] | | 360 | U | 47 | 360 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 69 | 32 - 131 |
| 2-Fluorophenol | 40 | 25 - 113 |
| 2,4,6-Tribromophenol | 79 | 24 - 150 |
| Nitrobenzene-d5 | 48 | 25 - 120 |
| Phenol-d5 | 67 | 27 - 122 |
| Terphenyl-d14 | 83 | 35 - 140 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 8'**

Lab Sample ID: 220-978-25
Client Matrix: Solid
% Moisture: 32.8
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/11/2007 0027
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1799.D
Initial Weight/Volume: 15.2 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Acenaphthene | | 480 | U | 71 | 480 |
| Acenaphthylene | | 480 | U | 61 | 480 |
| Anthracene | | 480 | U | 82 | 480 |
| Benzo[a]anthracene | | 99 | J | 87 | 480 |
| Benzo[a]pyrene | | 140 | J | 85 | 480 |
| Benzo[b]fluoranthene | | 180 | J | 63 | 480 |
| Benzo[g,h,i]perylene | | 250 | J | 90 | 480 |
| Benzo[k]fluoranthene | | 480 | U | 130 | 480 |
| Bis(2-chloroethoxy)methane | | 480 | U | 65 | 480 |
| Bis(2-chloroethyl)ether | | 480 | U | 63 | 480 |
| Bis(2-ethylhexyl) phthalate | | 480 | U | 120 | 480 |
| Butyl benzyl phthalate | | 480 | U | 89 | 480 |
| Carbazole | | 480 | U | 80 | 480 |
| Chrysene | | 160 | J | 97 | 480 |
| Di-n-butyl phthalate | | 480 | U | 88 | 480 |
| Di-n-octyl phthalate | | 480 | U | 74 | 480 |
| 4-Bromophenyl phenyl ether | | 480 | U | 73 | 480 |
| 4-Chloroaniline | | 480 | U | 76 | 480 |
| 2-Chloronaphthalene | | 480 | U | 64 | 480 |
| 4-Chlorophenyl phenyl ether | | 480 | U | 73 | 480 |
| Dibenz(a,h)anthracene | | 480 | U | 71 | 480 |
| Dibenzofuran | | 480 | U | 84 | 480 |
| Diethyl phthalate | | 480 | U | 70 | 480 |
| Dimethyl phthalate | | 480 | U | 58 | 480 |
| 1,2-Dichlorobenzene | | 480 | U | 73 | 480 |
| 1,3-Dichlorobenzene | | 480 | U | 72 | 480 |
| 1,4-Dichlorobenzene | | 480 | U | 59 | 480 |
| 3,3'-Dichlorobenzidine | | 970 | U | 73 | 970 |
| 2,4-Dinitrotoluene | | 480 | U | 61 | 480 |
| 2,6-Dinitrotoluene | | 480 | U | 52 | 480 |
| Fluoranthene | | 130 | J | 92 | 480 |
| Fluorene | | 480 | U | 63 | 480 |
| Hexachlorobenzene | | 480 | U | 80 | 480 |
| Hexachlorobutadiene | | 480 | U | 68 | 480 |
| Hexachlorocyclopentadiene | | 480 | U | 51 | 480 |
| Hexachloroethane | | 480 | U | 67 | 480 |
| Indeno[1,2,3-cd]pyrene | | 250 | J | 79 | 480 |
| Isophorone | | 480 | U | 60 | 480 |
| 2-Methylnaphthalene | | 480 | U | 73 | 480 |
| Naphthalene | | 480 | U | 68 | 480 |
| 2-Nitroaniline | | 2400 | U | 75 | 2400 |
| 3-Nitroaniline | | 2400 | U | 65 | 2400 |
| Nitrobenzene | | 480 | U | 78 | 480 |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID:** **NRGTP-13 8'**

Lab Sample ID: 220-978-25
Client Matrix: Solid
% Moisture: 32.8

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3541
Dilution: 1.0
Date Analyzed: 03/11/2007 0027
Date Prepared: 03/08/2007 0000

Analysis Batch: 220-4183
Prep Batch: 220-4137

Instrument ID: HP 6890/5975
Lab File ID: C1799.D
Initial Weight/Volume: 15.2 g
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | DryWt Corrected: Y | Result (ug/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | | 480 | U | 65 | 480 |
| N-Nitrosodiphenylamine | | 480 | U | 67 | 480 |
| Phenanthrene | | 480 | U | 81 | 480 |
| Pyrene | | 140 | J | 88 | 480 |
| 1,2,4-Trichlorobenzene | | 480 | U | 69 | 480 |
| 4-Chloro-3-methylphenol | | 480 | U | 73 | 480 |
| 2-Chlorophenol | | 480 | U | 64 | 480 |
| 2-Methylphenol | | 480 | U | 58 | 480 |
| 4-Methylphenol | | 480 | U | 61 | 480 |
| 2,4-Dichlorophenol | | 480 | U | 69 | 480 |
| 2,4-Dimethylphenol | | 480 | U | 110 | 480 |
| 2,4-Dinitrophenol | | 2400 | U * | 170 | 2400 |
| 4,6-Dinitro-2-methylphenol | | 2400 | U | 53 | 2400 |
| 2-Nitrophenol | | 480 | U | 62 | 480 |
| 4-Nitrophenol | | 2400 | U | 66 | 2400 |
| Pentachlorophenol | | 2400 | U | 420 | 2400 |
| Phenol | | 480 | U | 65 | 480 |
| 2,4,5-Trichlorophenol | | 2400 | U | 76 | 2400 |
| 2,4,6-Trichlorophenol | | 480 | U | 54 | 480 |
| Benzyl alcohol | | 480 | U | 62 | 480 |
| 4-Nitroaniline | | 970 | U | 73 | 970 |
| 2,2'-oxybis[1-chloropropane] | | 480 | U | 63 | 480 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 67 | 32 - 131 |
| 2-Fluorophenol | 80 | 25 - 113 |
| 2,4,6-Tribromophenol | 44 | 24 - 150 |
| Nitrobenzene-d5 | 66 | 25 - 120 |
| Phenol-d5 | 70 | 27 - 122 |
| Terphenyl-d14 | 70 | 35 - 140 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-2 4'**

Lab Sample ID: 220-978-1
Client Matrix: Solid

% Moisture: 4.5

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1446
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.33 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 26.5 | J | 1.9 | 7.9 |
| Cadmium | | 4.9 | U | 0.98 | 4.9 |
| Chromium | | 57.1 | J | 0.37 | 3.0 |
| Lead | | 7.1 | | 0.98 | 4.9 |
| Selenium | | 9.8 | U | 2.0 | 9.8 |
| Silver | | 3.0 | U UJ | 0.29 | 3.0 |
| Barium | | 34.8 | J | 0.25 | 2.0 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1303
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.68 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | ~~0.028~~ 0.05 | ~~J~~ U | 0.014 | 0.046 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-4 0-1'**

Lab Sample ID: 220-978-2
Client Matrix: Solid
% Moisture: 6.3
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1500
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.49 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 7.2 | U | 1.7 | 7.2 |
| Cadmium | | 4.5 | U | 0.90 | 4.5 |
| Chromium | | 14.5 | J | 0.33 | 2.7 |
| Lead | | 18.8 | | 0.90 | 4.5 |
| Selenium | | 9.0 | U | 1.8 | 9.0 |
| Silver | | 2.7 | ~~U~~ UJ | 0.26 | 2.7 |
| Barium | | 32.9 | J | 0.22 | 1.8 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1306
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.71 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.045 | U | 0.014 | 0.045 |

aem 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-4 8'**

Lab Sample ID: 220-978-3
Client Matrix: Solid

% Moisture: 15.0

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1504
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.24 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 9.5 | U | 2.2 | 9.5 |
| Cadmium | | 5.9 | U | 1.2 | 5.9 |
| Chromium | | 25.4 | J | 0.44 | 3.6 |
| Lead | | 24.4 | | 1.2 | 5.9 |
| Selenium | | 11.9 | U | 2.4 | 11.9 |
| Silver | | 3.6 | ~~U~~ UJ | 0.35 | 3.6 |
| Barium | | 38.0 | J | 0.30 | 2.4 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1307
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.65 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.054 | U | 0.016 | 0.054 |

ARM
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-5 0-1'**

Lab Sample ID: 220-978-4
Client Matrix: Solid
% Moisture: 18.9
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1509
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.25 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 45.8 | J | 2.3 | 9.9 |
| Cadmium | | 6.2 | U | 1.2 | 6.2 |
| Chromium | | 40.9 | J | 0.46 | 3.7 |
| Lead | | 744 | | 1.2 | 6.2 |
| Selenium | | 12.3 | U | 2.5 | 12.3 |
| Silver | | 3.7 | ~~U~~ UJ | 0.36 | 3.7 |
| Barium | | 342 | J | 0.31 | 2.5 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1308
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.68 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.21 | U | 0.016 | 0.054 |

aem 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-5 5'**

Lab Sample ID: 220-978-5
Client Matrix: Solid

% Moisture: 31.4

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1513
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.27 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 18.0 | U | 2.7 | 11.5 |
| Cadmium | | 7.2 | U | 1.4 | 7.2 |
| Chromium | | 22.2 | J | 0.54 | 4.3 |
| Lead | | 83.5 | | 1.4 | 7.2 |
| Selenium | | 14.4 | U | 2.9 | 14.4 |
| Silver | | 4.3 | ~~U~~ UJ | 0.42 | 4.3 |
| Barium | | 951 | J | 0.36 | 2.9 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1309
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.66 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.14 | U | 0.020 | 0.066 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-6 6-8'**

Lab Sample ID: 220-978-6
Client Matrix: Solid
% Moisture: 10.3

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1518
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.18 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~4.5~~ 8.0 | ~~J~~ U | 2.2 | 9.4 |
| Cadmium | | 1.6 | J | 1.2 | 5.9 |
| Chromium | | 114 | J | 0.44 | 3.5 |
| Lead | | 93.0 | | 1.2 | 5.9 |
| Selenium | | 11.8 | U | 2.4 | 11.8 |
| Silver | | 3.5 | ~~U~~ UJ | 0.35 | 3.5 |
| Barium | | 66.8 | J | 0.30 | 2.4 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1311
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.64 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.15 | U | 0.016 | 0.052 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-7 0.5-1'**

Lab Sample ID: 220-978-7
Client Matrix: Solid
% Moisture: 23.5
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1523
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.39 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 9.4 | U | 2.2 | 9.4 |
| Cadmium | | 1.8 | J | 1.2 | 5.9 |
| Chromium | | 19.0 | J | 0.44 | 3.5 |
| Lead | | 281 | | 1.2 | 5.9 |
| Selenium | | 11.8 | U | 2.4 | 11.8 |
| Silver | | 3.5 | ~~U~~ UJ | 0.34 | 3.5 |
| Barium | | 126 | J | 0.29 | 2.4 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1314
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.68 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.75 | | 0.017 | 0.058 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-7 4'**

Lab Sample ID: 220-978-8
Client Matrix: Solid

% Moisture: 56.6

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1527
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.35 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~5.1~~ 8.0 | ~~J~~ U | 4.0 | 17.1 |
| Cadmium | | 10.7 | U | 2.1 | 10.7 |
| Chromium | | 6.8 | J | 0.80 | 6.4 |
| Lead | | 162 | | 2.1 | 10.7 |
| Selenium | | 21.3 | U | 4.3 | 21.3 |
| Silver | | 6.4 | ~~U~~ UJ | 0.62 | 6.4 |
| Barium | | 73.9 | J | 0.53 | 4.3 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1316
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.78 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.19 | U | 0.027 | 0.089 |

QCM 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-8 0.5-1'**

Lab Sample ID: 220-978-9
Client Matrix: Solid
% Moisture: 15.1
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1541
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.45 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~6.5~~ 8.0 | ~~J~~ U | 1.9 | 8.1 |
| Cadmium | | 5.1 | U | 1.0 | 5.1 |
| Chromium | | 47.6 | J | 0.38 | 3.0 |
| Lead | | 131 | | 1.0 | 5.1 |
| Selenium | | 2.1 | ~~J~~ J | 2.0 | 10.2 |
| Silver | | 3.0 | ~~U~~ UJ | 0.30 | 3.0 |
| Barium | | 811 | J | 0.25 | 2.0 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1317
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.67 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | ~~0.045~~ 0.05 | ~~J~~ U | 0.016 | 0.053 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-8 4'**

Lab Sample ID: 220-978-10
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1546
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.08 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 8.3 | ~~J~~ U | 2.6 | 11.0 |
| Cadmium | | 6.9 | U | 1.4 | 6.9 |
| Chromium | | 11.2 | J | 0.51 | 4.1 |
| Lead | | 34.7 | | 1.4 | 6.9 |
| Selenium | | 3.5 | ~~J~~ J | 2.7 | 13.7 |
| Silver | | 4.1 | ~~U~~ UJ | 0.40 | 4.1 |
| Barium | | 3070 | J | 0.34 | 2.7 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1318
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.71 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | ~~0.024~~ 0.05 | ~~J~~ U | 0.015 | 0.050 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-8 8'**

Lab Sample ID: 220-978-11
Client Matrix: Solid
% Moisture: 22.1
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1550
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.34 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~7.7~~ 8.0 | ~~J~~ U | 2.3 | 9.6 |
| Cadmium | | 6.0 | U | 1.2 | 6.0 |
| Chromium | | 52.9 | J | 0.45 | 3.6 |
| Lead | | 36.8 | | 1.2 | 6.0 |
| Selenium | | 12.0 | U | 2.4 | 12.0 |
| Silver | | 3.6 | ~~U~~ UJ | 0.35 | 3.6 |
| Barium | | 348 | J | 0.30 | 2.4 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1319
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.63 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | ~~0.019~~ 0.05 | ~~J~~ U | 0.018 | 0.061 |

CRM
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-9 4'**

Lab Sample ID: 220-978-13
Client Matrix: Solid
% Moisture: 15.7
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1555
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~4.2~~ 8.0 | ~~J~~ U | 2.7 | 11.5 |
| Cadmium | | 7.2 | U | 1.4 | 7.2 |
| Chromium | | 11.6 | J | 0.54 | 4.3 |
| Lead | | 12.8 | | 1.4 | 7.2 |
| Selenium | | 14.4 | U | 2.9 | 14.4 |
| Silver | | 4.3 | ~~U~~ UJ | 0.42 | 4.3 |
| Barium | | 42.7 | J | 0.36 | 2.9 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1320
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.78 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | ~~0.015~~ 0.05 | ~~J~~ U | 0.014 | 0.046 |

aem 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-9 8'**

Lab Sample ID: 220-978-14
Client Matrix: Solid

% Moisture: 34.9

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1559
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.14 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~4.2~~ 8.0 | ~~J~~ U | 3.2 | 13.5 |
| Cadmium | | 8.4 | U | 1.7 | 8.4 |
| Chromium | | 9.4 | J | 0.63 | 5.1 |
| Lead | | 2.6 | J | 1.7 | 8.4 |
| Selenium | | 16.9 | U | 3.4 | 16.9 |
| Silver | | 5.1 | ~~U~~ UJ | 0.49 | 5.1 |
| Barium | | 837 | J | 0.42 | 3.4 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1321
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.72 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.064 | U | 0.019 | 0.064 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-10 0.5-1'**

Lab Sample ID: 220-978-15
Client Matrix: Solid
% Moisture: 18.1
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1604
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.36 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 11.7 | J | 2.1 | 9.0 |
| Cadmium | | 1.7 | J | 1.1 | 5.6 |
| Chromium | | 172 | J | 0.42 | 3.4 |
| Lead | | 236 | | 1.1 | 5.6 |
| Selenium | | 11.2 | U | 2.2 | 11.2 |
| Silver | | 3.4 | ~~U~~ UJ | 0.33 | 3.4 |
| Barium | | 264 | J | 0.28 | 2.2 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1322
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.63 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.38 | U | 0.017 | 0.058 |

aum 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-10 4'**

Lab Sample ID: 220-978-16
Client Matrix: Solid
% Moisture: 15.9
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1609
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.10 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~7.1~~ 8.0 | ~~J~~ U | 2.5 | 10.8 |
| Cadmium | | 6.8 | U | 1.4 | 6.8 |
| Chromium | | 189 | J | 0.50 | 4.1 |
| Lead | | 276 | | 1.4 | 6.8 |
| Selenium | | 13.5 | U | 2.7 | 13.5 |
| Silver | | 4.1 | ~~U~~ UJ | 0.40 | 4.1 |
| Barium | | 159 | J | 0.34 | 2.7 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1323
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.66 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.19 | U | 0.016 | 0.054 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-10 7'**

Lab Sample ID: 220-978-17
Client Matrix: Solid
% Moisture: 15.6

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1613
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.24 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 9.6 | U | 2.2 | 9.6 |
| Cadmium | | 6.0 | U | 1.2 | 6.0 |
| Chromium | | 2.0 | ~~J~~ J | 0.45 | 3.6 |
| Lead | | 2.6 | J | 1.2 | 6.0 |
| Selenium | | 11.9 | U | 2.4 | 11.9 |
| Silver | | 3.6 | ~~U~~ UJ | 0.35 | 3.6 |
| Barium | | 16.3 | J | 0.30 | 2.4 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1325
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.75 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.051 | U | 0.014 | 0.047 |

aum 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-11 8'**

Lab Sample ID: 220-978-20
Client Matrix: Solid
% Moisture: 18.2
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1618
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.48 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~6.8~~ 8.0 | ~~J~~ U | 1.9 | 8.3 |
| Cadmium | | 5.2 | U | 1.0 | 5.2 |
| Chromium | | 91.7 | J | 0.39 | 3.1 |
| Lead | | 55.7 | | 1.0 | 5.2 |
| Selenium | | 10.3 | U | 2.1 | 10.3 |
| Silver | | 3.1 | ~~U~~ UJ | 0.30 | 3.1 |
| Barium | | 49.9 | J | 0.26 | 2.1 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1340
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.71 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.30 | U | 0.016 | 0.052 |

anm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-12 0.5'**

| | | | | |
|---|---|---|---|---|
| Lab Sample ID: | 220-978-21 | | Date Sampled: | 02/28/2007 0000 |
| Client Matrix: | Solid | % Moisture: 42.2 | Date Received: | 03/01/2007 0928 |

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

| | | | | |
|---|---|---|---|---|
| Method: | 6010B | Analysis Batch: 220-4130 | Instrument ID: | TJA Trace ICAP |
| Preparation: | 3050B | Prep Batch: 220-4068 | Lab File ID: | D030807 |
| Dilution: | 1.0 | | Initial Weight/Volume: | 1.22 g |
| Date Analyzed: | 03/08/2007 1622 | | Final Weight/Volume: | 250 mL |
| Date Prepared: | 03/07/2007 1208 | | | |

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 13.8 | ~~J~~ U | 3.3 | 14.2 |
| Cadmium | | 8.9 | U | 1.8 | 8.9 |
| Chromium | | 57.5 | J | 0.66 | 5.3 |
| Lead | | 6.4 | J | 1.8 | 8.9 |
| Selenium | | 17.7 | U | 3.5 | 17.7 |
| Silver | | 5.3 | ~~U~~ UJ | 0.52 | 5.3 |
| Barium | | 1190 | J | 0.44 | 3.5 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

| | | | | |
|---|---|---|---|---|
| Method: | 7471A | Analysis Batch: 220-4114 | Instrument ID: | Perkin Elmer FIMS |
| Preparation: | 7471A | Prep Batch: 220-4065 | Lab File ID: | N/A |
| Dilution: | 1.0 | | Initial Weight/Volume: | 0.66 g |
| Date Analyzed: | 03/08/2007 1342 | | Final Weight/Volume: | 50 mL |
| Date Prepared: | 03/07/2007 1128 | | | |

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.079 | U | 0.024 | 0.079 |

aem 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-13 0.5'**

Lab Sample ID: 220-978-23
Client Matrix: Solid
% Moisture: 13.9
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1636
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.17 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | ~~2.9~~ 8.0 | ~~J~~ U | 2.3 | 9.9 |
| Cadmium | | 6.2 | U | 1.2 | 6.2 |
| Chromium | | 17.1 | J | 0.46 | 3.7 |
| Lead | | 11.6 | | 1.2 | 6.2 |
| Selenium | | 12.4 | U | 2.5 | 12.4 |
| Silver | | 3.7 | ~~U~~ UJ | 0.36 | 3.7 |
| Barium | | 119 | J | 0.31 | 2.5 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1343
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.71 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | ~~0.019~~ 0.05 | ~~J~~ U | 0.015 | 0.049 |

WRM
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

**Client Sample ID: NRGTP-13 4'**

Lab Sample ID: 220-978-24
Client Matrix: Solid
% Moisture: 12.3

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/08/2007 1646
Date Prepared: 03/07/2007 1208

Analysis Batch: 220-4130
Prep Batch: 220-4068

Instrument ID: TJA Trace ICAP
Lab File ID: D030807
Initial Weight/Volume: 1.31 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 20.9 | J | 2.0 | 8.7 |
| Cadmium | | 19.7 | | 1.1 | 5.4 |
| Chromium | | 535 | J | 0.41 | 3.3 |
| Lead | | 609 | | 1.1 | 5.4 |
| Selenium | | 10.9 | U | 2.2 | 10.9 |
| Silver | | 3.3 | UJ | 0.32 | 3.3 |
| Barium | | 153 | J | 0.27 | 2.2 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/08/2007 1344
Date Prepared: 03/07/2007 1128

Analysis Batch: 220-4114
Prep Batch: 220-4065

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.15 | U | 0.017 | 0.057 |

aum
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

## General Chemistry

**Client Sample ID:** **NRGTP-2 4'**

Lab Sample ID: 220-978-1
Client Matrix: Solid
% Moisture: 4.5
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 520 | U | ug/Kg | 77 | 520 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1130 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 4.51 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 95.5 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-4 0-1'**

Lab Sample ID: 220-978-2
Client Matrix: Solid
% Moisture: 6.3
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 530 | U | ug/Kg | 79 | 530 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1131 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 6.31 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 93.7 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

## General Chemistry

**Client Sample ID:** **NRGTP-4 8'**

Lab Sample ID: 220-978-3
Client Matrix: Solid
% Moisture: 15.0
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 590 | U | ug/Kg | 87 | 590 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1132 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 15.0 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 85.0 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-5 0-1'**

Lab Sample ID: 220-978-4
Client Matrix: Solid
% Moisture: 18.9
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 4100 | | ug/Kg | 91 | 620 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1133 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 18.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 81.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

## General Chemistry

**Client Sample ID:** **NRGTP-5 5'**

Lab Sample ID: 220-978-5
Client Matrix: Solid

% Moisture: 31.4

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 5400 | | ug/Kg | 110 | 730 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1134 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 31.4 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 68.6 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-6 6-8'**

Lab Sample ID: 220-978-6
Client Matrix: Solid

% Moisture: 10.3

Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 560 | U | ug/Kg | 82 | 560 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1137 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 10.3 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 89.7 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

## General Chemistry

**Client Sample ID:** **NRGTP-7 0.5-1'**

Lab Sample ID: 220-978-7
Client Matrix: Solid
% Moisture: 23.5
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 13800 | | ug/Kg | 97 | 650 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1138 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 23.5 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 76.5 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-7 4'**

Lab Sample ID: 220-978-8
Client Matrix: Solid
% Moisture: 56.6
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10900 | | ug/Kg | 170 | 1200 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1139 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 56.6 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 43.4 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

## General Chemistry

**Client Sample ID:** **NRGTP-8 0.5-1'**

Lab Sample ID: 220-978-9
Client Matrix: Solid
% Moisture: 15.1
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 380 | J | ug/Kg | 87 | 590 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1139 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 15.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 84.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-8 4'**

Lab Sample ID: 220-978-10
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 150 | J | ug/Kg | 88 | 590 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1140 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 15.6 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 84.4 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

## General Chemistry

**Client Sample ID:** **NRGTP-8 8'**

Lab Sample ID: 220-978-11
Client Matrix: Solid
% Moisture: 22.1
Date Sampled: 02/27/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 150 | J | ug/Kg | 95 | 640 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1141 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 22.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 77.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-9 0.5-1'**

Lab Sample ID: 220-978-12
Client Matrix: Solid
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 17.4 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 82.6 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

## General Chemistry

**Client Sample ID:** **NRGTP-9 4'**

Lab Sample ID: 220-978-13
Client Matrix: Solid
% Moisture: 15.7
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 590 | U | ug/Kg | 88 | 590 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1144 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 15.7 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 84.3 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-9 8'**

Lab Sample ID: 220-978-14
Client Matrix: Solid
% Moisture: 34.9
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 48200 | | ug/Kg | 570 | 3800 | 5.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1210 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 34.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 65.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

## General Chemistry

**Client Sample ID: NRGTP-10 0.5-1'**

Lab Sample ID: 220-978-15
Client Matrix: Solid
% Moisture: 18.1
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 610 | U | ug/Kg | 90 | 610 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1150 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 18.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 81.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID: NRGTP-10 4'**

Lab Sample ID: 220-978-16
Client Matrix: Solid
% Moisture: 15.9
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 590 | U | ug/Kg | 88 | 590 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1151 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 15.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 84.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

## General Chemistry

**Client Sample ID:** **NRGTP-10 7'**

Lab Sample ID: 220-978-17
Client Matrix: Solid
% Moisture: 15.6
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 590 | U | ug/Kg | 88 | 590 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1152 | | | | DryWt Corrected: Y |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 15.6 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 84.4 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-11 0.5'**

Lab Sample ID: 220-978-18
Client Matrix: Solid
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 11.5 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 88.5 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-11 4'**

Lab Sample ID: 220-978-19
Client Matrix: Solid
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 12.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 87.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

## General Chemistry

**Client Sample ID:** **NRGTP-11 8'**

Lab Sample ID: 220-978-20
Client Matrix: Solid
% Moisture: 18.2
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 610 | U | ug/Kg | 91 | 610 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1152 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 18.2 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 81.8 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-12 0.5'**

Lab Sample ID: 220-978-21
Client Matrix: Solid
% Moisture: 42.2
Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 34000 | | ug/Kg | 640 | 4300 | 5.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1211 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 42.2 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 57.8 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

## General Chemistry

**Client Sample ID:** **NRGTP-12 4'**

Lab Sample ID: 220-978-22
Client Matrix: Solid

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 41.8 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 58.2 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-13 0.5'**

Lab Sample ID: 220-978-23
Client Matrix: Solid

% Moisture: 13.9

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 580 | U | ug/Kg | 86 | 580 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1154 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 13.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 86.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

Client: Natural Resource Group, Inc.

Job Number: 220-978-1
Sdg Number: 220-978

## General Chemistry

**Client Sample ID:** **NRGTP-13 4'**

Lab Sample ID: 220-978-24
Client Matrix: Solid

% Moisture: 12.3

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 570 | U | ug/Kg | 84 | 570 | 1.0 | 9012B |
| | Anly Batch: 220-4156 | Date Analyzed | 03/09/2007 1155 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4143 | Date Prepared: | 03/09/2007 1050 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 12.3 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 87.7 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

**Client Sample ID:** **NRGTP-13 8'**

Lab Sample ID: 220-978-25
Client Matrix: Solid

Date Sampled: 02/28/2007 0000
Date Received: 03/01/2007 0928

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 32.8 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |
| Percent Solids | 67.2 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4048 | Date Analyzed | 03/06/2007 1603 | | | | |

NATURAL RESOURCE GROUP, INC.

# DATA VALIDATION CHECKLIST

**Job Number: 220-1004-1**

| | |
|---|---|
| Sample Identification(s): | ENV-5<br>ENV-7<br>GW-2<br>GW-1<br>TRIP BLANK |
| Sample Date(s): | May 8, 2007 |
| Sample Team: | Dave Steiner, SJB Empire |
| Sample Matrix: | Water |
| Analyzing Laboratory: | Severn Trent Laboratories, Inc. Connecticut |

Analytical data were validated in accordance with applicable USEPA SW-846 analytical method requirements, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999), and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) criteria.

The data package reviewed includes analytical results and data for all samples associated with this job number. The data package was prepared in accordance with USEPA Contract Laboratory Program (CLP) Level IV deliverable protocols. Only QA/QC results and raw data associated with target analytes were reviewed and / or discussed under this validation.

## ANALYTICAL DATA PACKAGE DOCUMENTATION
## GENERAL INFORMATION

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Sample results | | X | | X | |
| 2. Parameters analyzed | | X | | X | |
| 3. Method of analysis | | X | | X | |
| 4. Reporting limits of analysis | | X | | X | |
| 5. Master tracking list | | X | | X | |
| 6. Sample collection date | | X | | X | |
| 7. Laboratory sample received date | | X | | X | |
| 8. Sample preparation/extraction date | | X | | X | |
| 9. Sample analysis date | | X | | X | |
| 10. Copy of chain-of-custody form signed by lab sample custodian | | X | | X | |
| 11. Narrative summary of QA or sample problems provided | | X | | X | |

QA - quality assurance

## INORGANIC ANALYSES – TOTAL AND DISSOLVED METALS

*Method 6010B: Arsenic, Cadmium, Chromium, Lead, Selenium, Silver, & Barium*
*Method 7471A: Mercury*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blank | | X | X | | |
| B. Calibration blanks | | X | | X | |
| C. Field blanks | X | | | | X |
| 7. Interference check sample %R | | X | X | | |
| 8. Serial dilution check %D | | X | | X | |
| 9. Laboratory control sample (LCS) %R | | X | | X | |
| 10. Matrix spike (MS) %R | | X | X | | |
| 11. Post-digestion spike (PDS) %R | | X | | X | |
| 12. Laboratory duplicate RPD | | X | | X | |
| 13. Field duplicate comparison | X | | | | X |

%R - percent recovery %D - percent difference RPD - relative percent difference
NA - not applicable or not analyzed

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

6a. The method blank had a barium concentration of 0.49 ug/L. All sample results were greater than 5x the blank concentration; therefore, no qualification of the data was required.

7. The interference check sample %R for Selenium was below control limits at 72%. Selenium results were qualified as estimated (UJ), since non-detect

10. The matrix spike %R for Selenium was below control limits at 50%. Since the post-digestion spike %R was within control limits, the Selenium results were qualified as estimated (UJ), since non-detect.

11. The post-digestion spike %R for Lead was outside control limits. Since the sample result for Lead was greater than 4x the spike amount, no qualification of the data was required.

## INORGANIC ANALYSES - GENERAL CHEMISTRY METHODS

*Method 9012B: Cyanide*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Calibration blanks | | X | | X | |
| C. Field blanks | X | | | | X |
| 7. Laboratory control sample (LCS) %R | | X | | X | |
| 8. Matrix spike (MS) %R | | X | X | | |
| 9. Post-digestion spike (PDS) %R | | X | | X | |
| 10. Laboratory duplicate RPD | | X | | X | |
| 11. Field duplicate comparison | X | | | | X |

%R percent recovery
LCS - laboratory control sample
RPD - relative percent difference
NA - not applicable or not analyzed
MSD - matrix spike duplicate

Comments:

Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

8. The MS %R was below control limits at 74%. Cyanide results were qualified as estimated (J), if detect, and estimated (UJ), if non-detect.

NATURAL RESOURCE GROUP, INC.

## ORGANIC ANALYSES - VOLATILE ORGANIC COMPOUND

*Method 8260B*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS) | | | | | |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Field Blanks | X | | | | X |
| C. Trip blanks | | X | X | | |
| 4. Instrument tune and performance check | | X | | X | |
| 5. Initial calibration RRF's and %RSD's | | X | X | | |
| 6. Continuing calibration RRF's and %D's | | X | X | | |
| 7. Matrix spike (MS) %R | X | | | | |
| 8. Matrix spike duplicate (MSD) %R | X | | | | |
| 9. MS/MSD precision (RPD) | X | | | | |
| 10. Surrogate spike recoveries | | X | | X | |
| 11. Internal standard retention times and areas | | X | | X | |
| 12. Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | X | | X | |
| B. Quantitation reports | | X | | X | |
| 13. Field duplicate comparison | X | | | | X |

%D - percent drift
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference
%R - percent recovery

Comments:

Performance was acceptable, with the following exception and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999) unless otherwise noted.

3c. The TRIP BLANK sample had an acetone concentration of 2.1 ug/L. Samples ENV-7 and GW-2 had acetone concentrations less than 5 times the trip blank concentrations; therefore these results were qualified as non-detect (U) a the reporting limit.

5. The initial calibration %RSD for acetone was above the control limit at 43.4%. No samples within this job number were associated with this initial calibration; therefore no qualification of the data was necessary.

6. The continuing calibration %D was above control limits for 1,2-Dichloroethane at 90.1%, Chloromethane at 31.2%, Acetone at 49.3%, 2-Butanone at 31.5%, 2-Hexanone at 31.3%. Samples analyzed on 3/14/07 were qualified as estimated (J), if detect, and estimated (UJ), if non-detect for these parameters.

## ORGANIC ANALYSES - SEMIVOLATILE ORGANIC COMPOUNDS

*Method 8270C*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS) | | | | | |
| 1. Holding times | | | | | |
| A. Extraction holding time | | X | | X | |
| B. Analysis holding time | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Field Blanks | X | | | | |
| 4. Instrument tune and performance check | | X | | X | |
| 5. Initial calibration RRF's and %RSD's | | X | | X | |
| 6. Continuing calibration RRF's and %D's | | X | | X | |
| 7. Matrix spike (MS) %R | X | | | | |
| 8. Matrix spike duplicate (MSD) %R | X | | | | |
| 9. MS/MSD precision (RPD) | X | | | | |
| 10. Laboratory control sample (LCS) %R | | X | | X | |
| 11. LCS duplicate (LCSD) %R | X | | | | X |
| 12. LCS/LCSD precision (RPD) | X | | | | X |
| 13. Surrogate spike recoveries | | X | X | | |
| 14. Internal standard retention times and areas | | X | | X | |
| 15. Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | X | | X | |
| B. Quantitation reports | | X | | X | |
| 16. Field duplicate comparison | X | | | | X |

%D - percent drift
%RSD - percent relative standard deviation
RRF - relative response factor
RPD - relative percent difference
%R - percent recovery

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999) unless otherwise noted.

12. The surrogate spike recoveries (%R) for 2-Fluorophenol for samples ENV-5 and the method blank were below control limits at 20% and 6%, respectively. The %R for Phenol-d5 and 2,4,6-Tribromophenol were below control limits for the method blank. Since the surrogate spike recoveries for the samples were within with control limits with the exception of 2-Flurophenol for sample ENV-5. Therefore, no qualification of the data was made.

NATURAL RESOURCE GROUP, INC.

## DATA VALIDATION CHECKLIST
## SUMMARY OF DATA QUALIFIER CODES

| Sample ID | Analyte(s) | Result | Qualifier | Reason(s) |
|---|---|---|---|---|
| ENV-5 | Selenium | <30 ug/L | UJ | ICS and MS %Rs below control limits. |
| | Dissolved Selenium | <30 ug/L | UJ | ICS and MS %Rs below control limits. |
| | Cyanide | <10 ug/L | UJ | MS %R below control limits. |
| ENV-7 | Selenium | <30 ug/L | UJ | ICS and MS %Rs below control limits. |
| | Dissolved Selenium | <30 ug/L | UJ | ICS and MS %Rs below control limits. |
| | Cyanide | <10 ug/L | UJ | MS %R below control limits. |
| | Acetone | <40 ug/L | UJ | Trip blank contamination and CCV %D above control limits. |
| | 2-Butanone | <40 ug/L | UJ | CCV %D above control limits. |
| | Chloromethane | <20 ug/L | UJ | CCV %D above control limits. |
| | 1,2-Dichloroethane | <20 ug/L | UJ | CCV %D above control limits. |
| | 2-Hexanone | <40 ug/L | UJ | CCV %D above control limits. |
| GW-2 | Selenium | <30 ug/L | UJ | ICS and MS %Rs below control limits. |
| | Dissolved Selenium | <30 ug/L | UJ | ICS and MS %Rs below control limits. |
| | Cyanide | 44 ug/L | J | MS %R below control limits. |
| | Acetone | <10 ug/L | UJ | Trip blank contamination and CCV %D above control limits. |
| | 2-Butanone | <10 ug/L | UJ | CCV %D above control limits. |
| | Chloromethane | <5 ug/L | UJ | CCV %D above control limits. |
| | 1,2-Dichloroethane | <5 ug/L | UJ | CCV %D above control limits. |
| | 2-Hexanone | <10 ug/L | UJ | CCV %D above control limits. |
| GW-1 | Selenium | <30 ug/L | UJ | ICS and MS %Rs below control limits. |
| | Dissolved Selenium | <30 ug/L | UJ | ICS and MS %Rs below control limits. |
| | Cyanide | <10 ug/L | UJ | MS %R below control limits. |
| | Acetone | <10 ug/L | UJ | CCV %D above control limits. |
| | 2-Butanone | <10 ug/L | UJ | CCV %D above control limits. |
| | Chloromethane | <5 ug/L | UJ | CCV %D above control limits. |
| | 1,2-Dichloroethane | <5 ug/L | UJ | CCV %D above control limits. |
| | 2-Hexanone | <10 ug/L | UJ | CCV %D above control limits. |
| TRIP BLANK | Acetone | 2.1 ug/L | J | CCV %D above control limits. |
| | 2-Butanone | <10 ug/L | UJ | CCV %D above control limits. |
| | Chloromethane | <5 ug/L | UJ | CCV %D above control limits. |
| | 1,2-Dichloroethane | <5 ug/L | UJ | CCV %D above control limits. |
| | 2-Hexanone | <10 ug/L | UJ | CCV %D above control limits. |

VALIDATION PERFORMED BY: Anica McAdams

VALIDATION PERFORMED BY SIGNATURE: Anica McAdams

DATE: 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **ENV-5**

Lab Sample ID: 220-1004-1
Client Matrix: Water

Date Sampled: 03/08/2007 1450
Date Received: 03/09/2007 0930

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/~~13~~12/2007 2341
Date Prepared: 03/~~13~~12/2007 2341

Analysis Batch: 220-4260

Instrument ID: HP 5890/5971 GC/MS
Lab File ID: L7020.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 | U | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 3.3 | J | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 102 | 53 - 125 |
| 4-Bromofluorobenzene | 120 | 73 - 127 |
| Dibromofluoromethane | 103 | 54 - 137 |
| Toluene-d8 (Surr) | 113 | 63 - 121 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **ENV-7**

Lab Sample ID: 220-1004-2
Client Matrix: Water

Date Sampled: 03/08/2007 1503
Date Received: 03/09/2007 0930

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 4.0
Date Analyzed: 03/14/2007 1507
Date Prepared: 03/14/2007 1507

Analysis Batch: 220-4272

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5798.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | ~~7.2~~ 40 | ~~J~~ UJ | 5.6 | 40 |
| Benzene | 20 | U | 1.6 | 20 |
| Bromodichloromethane | 20 | U | 1.6 | 20 |
| Bromoform | 20 | U | 3.2 | 20 |
| Bromomethane | 20 | U | 4.8 | 20 |
| 2-Butanone (MEK) | 40 | UUJ | 4.8 | 40 |
| Carbon disulfide | 20 | U | 3.6 | 20 |
| Carbon tetrachloride | 20 | U | 4.0 | 20 |
| Chlorobenzene | 20 | U | 1.6 | 20 |
| Chloroethane | 20 | U | 3.2 | 20 |
| Chloroform | 20 | U | 2.8 | 20 |
| Chloromethane | 20 | UUJ | 2.0 | 20 |
| Dibromochloromethane | 20 | U | 2.0 | 20 |
| 1,1-Dichloroethane | 20 | U | 2.4 | 20 |
| 1,2-Dichloroethane | 20 | UUJ | 2.4 | 20 |
| 1,1-Dichloroethene | 20 | U | 2.8 | 20 |
| 1,2-Dichloropropane | 20 | U | 3.6 | 20 |
| cis-1,3-Dichloropropene | 20 | U | 2.0 | 20 |
| trans-1,3-Dichloropropene | 20 | U | 3.2 | 20 |
| Ethylbenzene | 20 | U | 4.0 | 20 |
| 2-Hexanone | 40 | UUJ | 3.2 | 40 |
| Methylene Chloride | 20 | U | 1.6 | 20 |
| 4-Methyl-2-pentanone (MIBK) | 40 | U | 2.8 | 40 |
| Styrene | 20 | U | 2.0 | 20 |
| 1,1,2,2-Tetrachloroethane | 20 | U | 1.6 | 20 |
| Tetrachloroethene | 20 | U | 2.0 | 20 |
| Toluene | 20 | U | 1.2 | 20 |
| 1,1,1-Trichloroethane | 20 | U | 1.6 | 20 |
| 1,1,2-Trichloroethane | 20 | U | 2.4 | 20 |
| Trichloroethene | 20 | U | 2.8 | 20 |
| Vinyl chloride | 250 | | 3.2 | 20 |
| Xylenes, Total | 20 | U | 4.0 | 20 |
| cis-1,2-Dichloroethene | 320 | | 2.4 | 20 |
| trans-1,2-Dichloroethene | 20 | U | 2.0 | 20 |

ARM 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 103 | 53 - 125 |
| 4-Bromofluorobenzene | 89 | 73 - 127 |
| Dibromofluoromethane | 108 | 54 - 137 |
| Toluene-d8 (Surr) | 92 | 63 - 121 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: GW-2**

Lab Sample ID: 220-1004-3
Client Matrix: Water

Date Sampled: 03/08/2007 1520
Date Received: 03/09/2007 0930

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2007 1345
Date Prepared: 03/14/2007 1345

Analysis Batch: 220-4272

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5795.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | ~~2.0~~ 10 | ~~J~~ UJ | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | UUJ | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U | 0.70 | 5.0 |
| Chloromethane | 5.0 | UUJ | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | UUJ | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | UUJ | 0.80 | 10 |
| Methylene Chloride | 5.0 | U | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 99 | 53 - 125 |
| 4-Bromofluorobenzene | 89 | 73 - 127 |
| Dibromofluoromethane | 104 | 54 - 137 |
| Toluene-d8 (Surr) | 90 | 63 - 121 |

arm
4/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **GW-1**

Lab Sample ID: 220-1004-4
Client Matrix: Water

Date Sampled: 03/08/2007 1535
Date Received: 03/09/2007 0930

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2007 1412
Date Prepared: 03/14/2007 1412

Analysis Batch: 220-4272

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5796.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 | U UJ | 1.4 | 10 |
| Benzene | 6.4 | | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | UUJ | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U | 0.70 | 5.0 |
| Chloromethane | 5.0 | UUJ | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U UJ | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | UUJ | 0.80 | 10 |
| Methylene Chloride | 5.0 | U | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 102 | 53 - 125 |
| 4-Bromofluorobenzene | 86 | 73 - 127 |
| Dibromofluoromethane | 104 | 54 - 137 |
| Toluene-d8 (Surr) | 89 | 63 - 121 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **TRIP BLANK**

Lab Sample ID: 220-1004-5TB
Client Matrix: Water

Date Sampled: 03/08/2007 0000
Date Received: 03/09/2007 0930

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/14/2007 1440
Date Prepared: 03/14/2007 1440

Analysis Batch: 220-4272

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5797.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 2.1 | J J | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U UJ | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U | 0.70 | 5.0 |
| Chloromethane | 5.0 | U UJ | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U UJ | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U UJ | 0.80 | 10 |
| Methylene Chloride | 5.0 | | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 105 | 53 - 125 |
| 4-Bromofluorobenzene | 90 | 73 - 127 |
| Dibromofluoromethane | 106 | 54 - 137 |
| Toluene-d8 (Surr) | 90 | 63 - 121 |

ARM 6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **ENV-5**

Lab Sample ID: 220-1004-1
Client Matrix: Water

Date Sampled: 03/08/2007 1450
Date Received: 03/09/2007 0930

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/14/2007 1512
Date Prepared: 03/13/2007 1120

Analysis Batch: 220-4265
Prep Batch: 220-4268

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0515.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.62 | 10 |
| Naphthalene | 10 | U | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **ENV-5**

Lab Sample ID: 220-1004-1
Client Matrix: Water

Date Sampled: 03/08/2007 1450
Date Received: 03/09/2007 0930

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/14/2007 1512
Date Prepared: 03/13/2007 1120

Analysis Batch: 220-4265
Prep Batch: 220-4268

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0515.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | | Acceptance Limits |
|---|---|---|---|
| 2-Fluorobiphenyl | 55 | | 43 - 116 |
| 2-Fluorophenol | 20 | * | 21 - 97 |
| 2,4,6-Tribromophenol | 37 | | 29 - 126 |
| Nitrobenzene-d5 | 53 | | 38 - 113 |
| Phenol-d5 | 19 | | 18 - 97 |
| Terphenyl-d14 | 66 | | 10 - 119 |

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **ENV-7**

Lab Sample ID: 220-1004-2
Client Matrix: Water

Date Sampled: 03/08/2007 1503
Date Received: 03/09/2007 0930

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/14/2007 1535
Date Prepared: 03/13/2007 1120

Analysis Batch: 220-4265
Prep Batch: 220-4268

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0516.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 1.9 | J | 0.62 | 10 |
| Naphthalene | 1.3 | J | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **ENV-7**

Lab Sample ID: 220-1004-2
Client Matrix: Water

Date Sampled: 03/08/2007 1503
Date Received: 03/09/2007 0930

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/14/2007 1535
Date Prepared: 03/13/2007 1120

Analysis Batch: 220-4265
Prep Batch: 220-4268

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0516.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 72 | 43 - 116 |
| 2-Fluorophenol | 46 | 21 - 97 |
| 2,4,6-Tribromophenol | 80 | 29 - 126 |
| Nitrobenzene-d5 | 75 | 38 - 113 |
| Phenol-d5 | 34 | 18 - 97 |
| Terphenyl-d14 | 79 | 10 - 119 |

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **GW-2**

Lab Sample ID: 220-1004-3
Client Matrix: Water

Date Sampled: 03/08/2007 1520
Date Received: 03/09/2007 0930

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/14/2007 1558
Date Prepared: 03/13/2007 1120

Analysis Batch: 220-4265
Prep Batch: 220-4268

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0517.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.62 | 10 |
| Naphthalene | 10 | U | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **GW-2**

Lab Sample ID: 220-1004-3
Client Matrix: Water

Date Sampled: 03/08/2007 1520
Date Received: 03/09/2007 0930

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/14/2007 1558
Date Prepared: 03/13/2007 1120

Analysis Batch: 220-4265
Prep Batch: 220-4268

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0517.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 81 | 43 - 116 |
| 2-Fluorophenol | 45 | 21 - 97 |
| 2,4,6-Tribromophenol | 89 | 29 - 126 |
| Nitrobenzene-d5 | 79 | 38 - 113 |
| Phenol-d5 | 31 | 18 - 97 |
| Terphenyl-d14 | 89 | 10 - 119 |

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID:** **GW-1**

Lab Sample ID: 220-1004-4
Client Matrix: Water

Date Sampled: 03/08/2007 1535
Date Received: 03/09/2007 0930

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/14/2007 1621
Date Prepared: 03/13/2007 1120

Analysis Batch: 220-4265
Prep Batch: 220-4268

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0518.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.62 | 10 |
| Naphthalene | 10 | U | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: GW-1**

Lab Sample ID: 220-1004-4
Client Matrix: Water

Date Sampled: 03/08/2007 1535
Date Received: 03/09/2007 0930

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/14/2007 1621
Date Prepared: 03/13/2007 1120

Analysis Batch: 220-4265
Prep Batch: 220-4268

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0518.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 72 | 43 - 116 |
| 2-Fluorophenol | 43 | 21 - 97 |
| 2,4,6-Tribromophenol | 79 | 29 - 126 |
| Nitrobenzene-d5 | 75 | 38 - 113 |
| Phenol-d5 | 28 | 18 - 97 |
| Terphenyl-d14 | 82 | 10 - 119 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: ENV-5**

Lab Sample ID: 220-1004-1
Client Matrix: Water

Date Sampled: 03/08/2007 1450
Date Received: 03/09/2007 0930

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/12/2007 1234
Date Prepared: 03/12/2007 1318

Analysis Batch: 220-4249
Prep Batch: 220-4195

Instrument ID: TJA Trace ICAP
Lab File ID: W031307
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 0.85 | J | 0.76 | 10 |
| Chromium | 4.4 | J | 2.0 | 10 |
| Lead | 11 | | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 72 | | 0.38 | 5.0 |

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/12/2007 1528
Date Prepared: 03/12/2007 1146

Analysis Batch: 220-4205
Prep Batch: 220-4187

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.12 | J | 0.070 | 0.20 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: ENV-7**

Lab Sample ID: 220-1004-2
Client Matrix: Water

Date Sampled: 03/08/2007 1503
Date Received: 03/09/2007 0930

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/12/2007 1258
Date Prepared: 03/12/2007 1318

Analysis Batch: 220-4249
Prep Batch: 220-4195

Instrument ID: TJA Trace ICAP
Lab File ID: W031307
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 2.3 | J | 0.76 | 10 |
| Chromium | 10 | | 2.0 | 10 |
| Lead | 28 | | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 130 | | 0.38 | 5.0 |

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/12/2007 1531
Date Prepared: 03/12/2007 1146

Analysis Batch: 220-4205
Prep Batch: 220-4187

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.087 | J | 0.070 | 0.20 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: GW-2**

Lab Sample ID: 220-1004-3
Client Matrix: Water

Date Sampled: 03/08/2007 1520
Date Received: 03/09/2007 0930

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/12/2007 1302
Date Prepared: 03/12/2007 1318

Analysis Batch: 220-4249
Prep Batch: 220-4195

Instrument ID: TJA Trace ICAP
Lab File ID: W031307
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 200 | | 0.38 | 5.0 |

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/12/2007 1532
Date Prepared: 03/12/2007 1146

Analysis Batch: 220-4205
Prep Batch: 220-4187

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: GW-1**

Lab Sample ID: 220-1004-4
Client Matrix: Water

Date Sampled: 03/08/2007 1535
Date Received: 03/09/2007 0930

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/12/2007 1307
Date Prepared: 03/12/2007 1318

Analysis Batch: 220-4249
Prep Batch: 220-4195

Instrument ID: TJA Trace ICAP
Lab File ID: W031307
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 1.6 | J | 0.76 | 10 |
| Chromium | 2.1 | J | 2.0 | 10 |
| Lead | 18 | | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 190 | | 0.38 | 5.0 |

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/12/2007 1533
Date Prepared: 03/12/2007 1146

Analysis Batch: 220-4205
Prep Batch: 220-4187

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

aznn
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: ENV-5**

Lab Sample ID: 220-1004-6
Client Matrix: Water

Date Sampled: 03/08/2007 1450
Date Received: 03/09/2007 0930

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/12/2007 1321
Date Prepared: 03/12/2007 1318

Analysis Batch: 220-4249
Prep Batch: 220-4195

Instrument ID: TJA Trace ICAP
Lab File ID: W031307
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 27 | | 0.38 | 5.0 |

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/12/2007 1534
Date Prepared: 03/12/2007 1146

Analysis Batch: 220-4205
Prep Batch: 220-4187

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

arm
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: ENV-7**

Lab Sample ID: 220-1004-7
Client Matrix: Water

Date Sampled: 03/08/2007 1503
Date Received: 03/09/2007 0930

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/12/2007 1326
Date Prepared: 03/12/2007 1318

Analysis Batch: 220-4249
Prep Batch: 220-4195

Instrument ID: TJA Trace ICAP
Lab File ID: W031307
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 21 | | 0.38 | 5.0 |

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/12/2007 1537
Date Prepared: 03/12/2007 1146

Analysis Batch: 220-4205
Prep Batch: 220-4187

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

aem
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: GW-1**

Lab Sample ID: 220-1004-8
Client Matrix: Water

Date Sampled: 03/08/2007 1520
Date Received: 03/09/2007 0930

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/12/2007 1331
Date Prepared: 03/12/2007 1318

Analysis Batch: 220-4249
Prep Batch: 220-4195

Instrument ID: TJA Trace ICAP
Lab File ID: W031307
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 120 | | 0.38 | 5.0 |

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/12/2007 1538
Date Prepared: 03/12/2007 1146

Analysis Batch: 220-4205
Prep Batch: 220-4187

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

CVM
4/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

**Client Sample ID: GW-2**

Lab Sample ID: 220-1004-9
Client Matrix: Water

Date Sampled: 03/08/2007 1535
Date Received: 03/09/2007 0930

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/12/2007 1335
Date Prepared: 03/12/2007 1318

Analysis Batch: 220-4249
Prep Batch: 220-4195

Instrument ID: TJA Trace ICAP
Lab File ID: W031307
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 70 | | 0.38 | 5.0 |

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/12/2007 1539
Date Prepared: 03/12/2007 1146

Analysis Batch: 220-4205
Prep Batch: 220-4187

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

akm
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1004-1
Sdg Number: 220-1004

## General Chemistry

**Client Sample ID:** **ENV-5**

Lab Sample ID: 220-1004-1
Client Matrix: Water

Date Sampled: 03/08/2007 1450
Date Received: 03/09/2007 0930

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 | U UJ | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1013
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

**Client Sample ID:** **ENV-7**

Lab Sample ID: 220-1004-2
Client Matrix: Water

Date Sampled: 03/08/2007 1503
Date Received: 03/09/2007 0930

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 | U UJ | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1014
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

**Client Sample ID:** **GW-2**

Lab Sample ID: 220-1004-3
Client Matrix: Water

Date Sampled: 03/08/2007 1520
Date Received: 03/09/2007 0930

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 44 | J | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1014
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

**Client Sample ID:** **GW-1**

Lab Sample ID: 220-1004-4
Client Matrix: Water

Date Sampled: 03/08/2007 1535
Date Received: 03/09/2007 0930

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 | U UJ | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1015
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

amm
6/18/07

NATURAL RESOURCE GROUP, INC.

# DATA VALIDATION CHECKLIST

**Job Number: 220-1036-1**

| | |
|---|---|
| Sample Identification(s): | GW-5<br>GW-3<br>GW-6<br>NW-1<br>GW-4<br>M-2<br>TRIP BLANK |
| Sample Date(s): | May 9, 2007 |
| Sample Team: | Dave Steiner, SJB Empire |
| Sample Matrix: | Water |
| Analyzing Laboratory: | Severn Trent Laboratories, Inc. Connecticut |

Analytical data were validated in accordance with applicable USEPA SW-846 analytical method requirements, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999), and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) criteria.

The data package reviewed includes analytical results and data for all samples associated with this job number. The data package was prepared in accordance with USEPA Contract Laboratory Program (CLP) Level IV deliverable protocols. Only QA/QC results and raw data associated with target analytes were reviewed and / or discussed under this validation.

## ANALYTICAL DATA PACKAGE DOCUMENTATION
## GENERAL INFORMATION

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Sample results | | X | | X | |
| 2. Parameters analyzed | | X | | X | |
| 3. Method of analysis | | X | | X | |
| 4. Reporting limits of analysis | | X | | X | |
| 5. Master tracking list | | X | | X | |
| 6. Sample collection date | | X | | X | |
| 7. Laboratory sample received date | | X | | X | |
| 8. Sample preparation/extraction date | | X | | X | |
| 9. Sample analysis date | | X | | X | |
| 10. Copy of chain-of-custody form signed by lab sample custodian | | X | | X | |
| Narrative summary of QA or sample problems provided | | X | | X | |

QA - quality assurance

NATURAL RESOURCE GROUP, INC.

## INORGANIC ANALYSES – TOTAL AND DISSOLVED METALS

*Method 6010B: Arsenic, Cadmium, Chromium, Lead, Selenium, Silver, & Barium*
*Method 7471A: Mercury*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blank | | X | X | | |
| B. Calibration blanks | | X | X | | |
| C. Field blanks | X | | | | X |
| 7. Interference check sample %R | | X | | X | |
| 8. Serial dilution check %D | | X | | X | |
| 9. Laboratory control sample (LCS) %R | | X | | X | |
| 10. Matrix spike (MS) %R | | X | | X | |
| 11. Post-digestion spike (PDS) %R | | X | X | | |
| 12. Laboratory duplicate RPD | | X | X | | |
| 13. Field duplicate comparison | X | | | | X |

%R - percent recovery %D - percent difference RPD - relative percent difference
NA - not applicable or not analyzed

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

6a. The method blank had a barium concentration of 0.43 ug/L. All sample results were greater than 5x the blank concentration; therefore, no qualification of the data was required.

6b. The continuing calibration blank had a mercury concentration of 0.089 ug/L. Samples GW-5 and GW-3 had concentrations less than 5x the blank concentration; therefore the mercury data for these samples were qualified as non-detect (U).

11. The post-digestion spike %R for Selenium was above control limits at 133%. Since the matrix spike %R was within control limits, no qualification of the data was made.

12. The laboratory duplicate RPD for mercury was above the control limit at 60%. Since the original sample and duplicate sample concentrations were less than 5 times the CRQL, no qualification of the data was required.

## INORGANIC ANALYSES - GENERAL CHEMISTRY METHODS

*Method 9012B: Cyanide*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Calibration blanks | | X | | X | |
| C. Field blanks | X | | | | X |
| 7. Laboratory control sample (LCS) %R | | X | | X | |
| 8. Matrix spike (MS) %R | | X | X | | |
| 9. Post-digestion spike (PDS) %R | | X | | X | |
| 10. Laboratory duplicate RPD | | X | | X | |
| 11. Field duplicate comparison | X | | | | X |

%R percent recovery
LCS - laboratory control sample
RPD - relative percent difference
NA - not applicable or not analyzed
MSD - matrix spike duplicate

Comments:

Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

8. The MS %R was below control limits at 74%. Cyanide results were qualified as estimated (J), if detect, and estimated (UJ), if non-detect.

## ORGANIC ANALYSES - VOLATILE ORGANIC COMPOUND

*Method 8260B*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS) | | | | | |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Blanks | | | | | |
| A. Method blanks | | X | X | | |
| B. Field Blanks | X | | | | X |
| C. Trip blanks | | X | X | | |
| 4. Instrument tune and performance check | | X | | X | |
| 5. Initial calibration RRF's and %RSD's | | X | X | | |
| 6. Continuing calibration RRF's and %D's | | X | X | | |
| 7. Laboratory Control Sample (LCS) %R | | X | X | | |
| 8. Matrix spike (MS) %R | X | | | | |
| 9. Matrix spike duplicate (MSD) %R | X | | | | |
| 10. MS/MSD precision (RPD) | X | | | | |
| 11. Surrogate spike recoveries | | X | | X | |
| 12. Internal standard retention times and areas | | X | | X | |
| 13. Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | X | | X | |
| B. Quantitation reports | | X | | X | |
| 14. Field duplicate comparison | X | | | | X |

%D - percent drift RRF - relative response factor %R - percent recovery
%RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exception and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999) unless otherwise noted.

3a. The method blank for Batch 220-4383 had an acetone concentration of 2.1 ug/L and a methylene chloride concentration of 3.7 ug/L. Sample GW-5 and TRIP BLANK had acetone concentrations less than 5 times the blank concentration; therefore these results were qualified as non-detect (U) at the reporting limit. The TRIP BLANK had a methylene chloride concentration less than 5 times the blank concentration; therefore this result was qualified as non-detect (U). The method balnk for Batch 220-4435 had concentrations of acetone (2.4 ug/L), 2-butanone (1.5 ug/L), and methylene chloride (0.63 ug/L). Sample GW-3 was associated with this method blank but non-detect for the analytes found in the method blank; .no qualification of the data was necessary.

3c. The TRIP BLANK sample had an acetone concentration of 3.1 ug/L and a methylene chloride concentration of 5.7 ug/L. These results were qualified as non-detect (U) due to contamination in the method blank.

## ORGANIC ANALYSES - VOLATILE ORGANIC COMPOUND (cont.)

5. The initial calibration %RSD for acetone was above the control limit at 51.8%. Since no samples had detections of acetone due to qualification from blank contamination, no additional qualification of the data was necessary.

6. The continuing calibration %D for bromomethane was above the control limit at 34.6%. Since no samples had detections of bromomethane, no qualification of the data was necessary.

7. The laboratory control sample %R in batch 220-4385 for Chloroform and batch 220-4435 for Chloromethane were above control limits at 125% and 168%, respectively. Since the chloroform and chloromethane concentrations were below the reporting limit; no qualification of the data was necessary.

## ORGANIC ANALYSES - SEMIVOLATILE ORGANIC COMPOUNDS

*Method 8270C*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS) | | | | | |
| 1. Holding times | | | | | |
| A. Extraction holding time | | X | | X | |
| B. Analysis holding time | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Field Blanks | X | | | | |
| 4. Instrument tune and performance check | | X | | X | |
| 5. Initial calibration RRF's and %RSD's | | X | | X | |
| 6. Continuing calibration RRF's and %D's | | X | | X | |
| 7. Matrix spike (MS) %R | X | | | | |
| 8. Matrix spike duplicate (MSD) %R | X | | | | |
| 9. MS/MSD precision (RPD) | X | | | | |
| 10. Laboratory control sample (LCS) %R | | X | X | | |
| 11. LCS duplicate (LCSD) %R | X | | | | X |
| 12. LCS/LCSD precision (RPD) | X | | | | X |
| 13. Surrogate spike recoveries | | X | | X | |
| 14. Internal standard retention times and areas | | X | | X | |
| 15. Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | X | | X | |
| B. Quantitation reports | | X | | X | |
| 16. Field duplicate comparison | X | | | | X |

%D - percent drift RRF - relative response factor %R - percent recovery
%RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999) unless otherwise noted.

11. The laboratory control sample %R for 2,4-Dimetylphenol was below control limits at 29%. Sample results were qualified as estimated (UJ), since non-detect.

NATURAL RESOURCE GROUP, INC.

## DATA VALIDATION CHECKLIST
## SUMMARY OF DATA QUALIFIER CODES

| Sample ID | Analyte(s) | Result | Qualifier | Reason(s) |
|---|---|---|---|---|
| GW-5 | Mercury | 0.21 ug/L | U | Blank contamination. |
| | Cyanide | <10 ug/L | UJ | MS %R below control limits. |
| | Acetone | <10 ug/L | U | Blank contamination. |
| | 2,4-Dimethylphenol | <10 ug/L | UJ | LCS %R below limits. |
| GW-3 | Mercury | 0.20 ug/L | U | Blank contamination. |
| | Cyanide | <10 ug/L | UJ | MS %R below control limits. |
| | 2,4-Dimethylphenol | <10 ug/L | UJ | LCS %R below limits. |
| GW-6 | Cyanide | <10 ug/L | UJ | MS %R below control limits. |
| | 2,4-Dimethylphenol | <10 ug/L | UJ | LCS %R below limits. |
| NW-1 | Cyanide | 9.2 ug/L | J | MS % R below control limits. |
| | 2,4-Dimethylphenol | <10 ug/L | UJ | LCS %R below limits. |
| GW-4 | Cyanide | 25 ug/L | J | MS %R below control limits. |
| | 2,4-Dimethylphenol | <10 ug/L | UJ | LCS %R below limits. |
| M-2 | Cyanide | <10 ug/L | UJ | MS %R below control limits. |
| | 2,4-Dimethylphenol | <10 ug/L | UJ | LCS %R below limits. |
| TRIP BLANK | Acetone | <10 ug/L | U | Blank contamination. |
| | Methylene Chloride | 5.7 | U | Blank contamination. |

VALIDATION PERFORMED BY: Anica McAdams

VALIDATION PERFORMED BY SIGNATURE: Anica McAdams

DATE: 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-5**

Lab Sample ID: 220-1036-1
Client Matrix: Water

Date Sampled: 03/09/2007 1345
Date Received: 03/10/2007 1100

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/16/2007 1610
Date Prepared: 03/16/2007 1610

Analysis Batch: 220-4383

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5870.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 ~~3.1~~ | ~~J B~~ U | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U * | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U M | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 107 | 53 - 125 |
| 4-Bromofluorobenzene | 86 | 73 - 127 |
| Dibromofluoromethane | 113 | 54 - 137 |
| Toluene-d8 (Surr) | 84 | 63 - 121 |

ARM 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-3**

Lab Sample ID: 220-1036-2
Client Matrix: Water

Date Sampled: 03/09/2007 1410
Date Received: 03/10/2007 1100

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/21/2007 0004
Date Prepared: 03/21/2007 0004

Analysis Batch: 220-4435

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5979.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 | U M | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 1.4 | J | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U | 0.70 | 5.0 |
| Chloromethane | 5.0 | U * | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 0.60 | J | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 96 | 53 - 125 |
| 4-Bromofluorobenzene | 92 | 73 - 127 |
| Dibromofluoromethane | 93 | 54 - 137 |
| Toluene-d8 (Surr) | 87 | 63 - 121 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-6**

Lab Sample ID: 220-1036-3
Client Matrix: Water

Date Sampled: 03/09/2007 1500
Date Received: 03/10/2007 1100

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/16/2007 1423
Date Prepared: 03/16/2007 1423

Analysis Batch: 220-4383

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5866.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 | U M | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U * | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U M | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 106 | 53 - 125 |
| 4-Bromofluorobenzene | 85 | 73 - 127 |
| Dibromofluoromethane | 112 | 54 - 137 |
| Toluene-d8 (Surr) | 87 | 63 - 121 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **NW-1**

Lab Sample ID: 220-1036-4
Client Matrix: Water

Date Sampled: 03/09/2007 1530
Date Received: 03/10/2007 1100

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/16/2007 1450
Date Prepared: 03/16/2007 1450

Analysis Batch: 220-4383

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5867.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 | U M | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U M | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U * | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U M | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U M | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 110 | 53 - 125 |
| 4-Bromofluorobenzene | 87 | 73 - 127 |
| Dibromofluoromethane | 113 | 54 - 137 |
| Toluene-d8 (Surr) | 88 | 63 - 121 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-4**

Lab Sample ID: 220-1036-5
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/16/2007 1517
Date Prepared: 03/16/2007 1517

Analysis Batch: 220-4383

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5868.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 | U M | 1.4 | 10 |
| Benzene | 0.82 | J | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U * | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U M | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 108 | 53 - 125 |
| 4-Bromofluorobenzene | 88 | 73 - 127 |
| Dibromofluoromethane | 113 | 54 - 137 |
| Toluene-d8 (Surr) | 89 | 63 - 121 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **M-2**

Lab Sample ID: 220-1036-6
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/16/2007 1543
Date Prepared: 03/16/2007 1543

Analysis Batch: 220-4383

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5869.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 | U M | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U * | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U M | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 111 | 53 - 125 |
| 4-Bromofluorobenzene | 87 | 73 - 127 |
| Dibromofluoromethane | 114 | 54 - 137 |
| Toluene-d8 (Surr) | 90 | 63 - 121 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **TRIP BLANK**

Lab Sample ID: 220-1036-7TB
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/16/2007 1049
Date Prepared: 03/16/2007 1049

Analysis Batch: 220-4383

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: V5858.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 ~~2.2~~ | ~~JB~~ U | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U * | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | ~~5.7~~ | ~~B~~ U | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 107 | 53 - 125 |
| 4-Bromofluorobenzene | 86 | 73 - 127 |
| Dibromofluoromethane | 111 | 54 - 137 |
| Toluene-d8 (Surr) | 86 | 63 - 121 |

CKM 6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-5**

Lab Sample ID: 220-1036-1
Client Matrix: Water

Date Sampled: 03/09/2007 1345
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1658
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0667.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 2.6 | J | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.62 | 10 |
| Naphthalene | 10 | U | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-5**

Lab Sample ID: 220-1036-1
Client Matrix: Water

Date Sampled: 03/09/2007 1345
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1658
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0667.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U UJ | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 66 | 43 - 116 |
| 2-Fluorophenol | 34 | 21 - 97 |
| 2,4,6-Tribromophenol | 82 | 29 - 126 |
| Nitrobenzene-d5 | 62 | 38 - 113 |
| Phenol-d5 | 26 | 18 - 97 |
| Terphenyl-d14 | 78 | 10 - 119 |

ARM
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-3**

Lab Sample ID: 220-1036-2
Client Matrix: Water

Date Sampled: 03/09/2007 1410
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1721
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0668.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.62 | 10 |
| Naphthalene | 10 | U | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-3**

Lab Sample ID: 220-1036-2
Client Matrix: Water

Date Sampled: 03/09/2007 1410
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1721
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0668.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U UJ | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 67 | 43 - 116 |
| 2-Fluorophenol | 39 | 21 - 97 |
| 2,4,6-Tribromophenol | 84 | 29 - 126 |
| Nitrobenzene-d5 | 65 | 38 - 113 |
| Phenol-d5 | 28 | 18 - 97 |
| Terphenyl-d14 | 82 | 10 - 119 |

aRM
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-6**

Lab Sample ID: 220-1036-3
Client Matrix: Water

Date Sampled: 03/09/2007 1500
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1744
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0669.D
Initial Weight/Volume: 960 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.73 | 10 |
| Acenaphthylene | 10 | U | 0.81 | 10 |
| Anthracene | 10 | U | 1.1 | 10 |
| Benzo[a]anthracene | 10 | U | 0.80 | 10 |
| Benzo[a]pyrene | 10 | U | 0.52 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.99 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.33 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.98 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 1.0 | 10 |
| Carbazole | 10 | U | 0.79 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 1.0 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.71 | 10 |
| 4-Chloroaniline | 10 | U | 0.94 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.76 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.25 | 10 |
| Dibenzofuran | 10 | U | 0.88 | 10 |
| Diethyl phthalate | 10 | U | 3.7 | 10 |
| Dimethyl phthalate | 10 | U | 0.96 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.57 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.30 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.54 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 1.0 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.85 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 1.0 | 10 |
| Fluoranthene | 10 | U | 0.95 | 10 |
| Fluorene | 10 | U | 0.74 | 10 |
| Hexachlorobenzene | 10 | U | 0.84 | 10 |
| Hexachlorobutadiene | 10 | U | 0.30 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.3 | 10 |
| Hexachloroethane | 10 | U | 0.56 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.33 | 10 |
| Isophorone | 10 | U | 0.52 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.65 | 10 |
| Naphthalene | 10 | U | 0.47 | 10 |
| 2-Nitroaniline | 52 | U | 4.4 | 52 |
| 3-Nitroaniline | 52 | U | 0.81 | 52 |
| Nitrobenzene | 10 | U | 0.65 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-6**

Lab Sample ID: 220-1036-3
Client Matrix: Water

Date Sampled: 03/09/2007 1500
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1744
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0669.D
Initial Weight/Volume: 960 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.68 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.78 | 10 |
| Phenanthrene | 10 | U | 0.75 | 10 |
| Pyrene | 10 | U | 1.0 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.45 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.91 | 10 |
| 2-Chlorophenol | 10 | U | 0.57 | 10 |
| 2-Methylphenol | 10 | U | 0.72 | 10 |
| 4-Methylphenol | 10 | U | 0.50 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.40 | 10 |
| 2,4-Dimethylphenol | 10 | U UJ | 0.92 | 10 |
| 2,4-Dinitrophenol | 52 | U | 5.3 | 52 |
| 4,6-Dinitro-2-methylphenol | 52 | U | 1.5 | 52 |
| 2-Nitrophenol | 10 | U | 0.53 | 10 |
| 4-Nitrophenol | 52 | U | 1.9 | 52 |
| Pentachlorophenol | 52 | U | 0.61 | 52 |
| Phenol | 10 | U | 0.24 | 10 |
| 2,4,5-Trichlorophenol | 52 | U | 1.2 | 52 |
| 2,4,6-Trichlorophenol | 10 | U | 0.93 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 21 | U | 0.86 | 21 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.94 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 59 | 43 - 116 |
| 2-Fluorophenol | 31 | 21 - 97 |
| 2,4,6-Tribromophenol | 77 | 29 - 126 |
| Nitrobenzene-d5 | 58 | 38 - 113 |
| Phenol-d5 | 23 | 18 - 97 |
| Terphenyl-d14 | 75 | 10 - 119 |

arm
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **NW-1**

Lab Sample ID: 220-1036-4
Client Matrix: Water

Date Sampled: 03/09/2007 1530
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1807
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0670.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.62 | 10 |
| Naphthalene | 10 | U | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: NW-1**

Lab Sample ID: 220-1036-4
Client Matrix: Water

Date Sampled: 03/09/2007 1530
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1807
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0670.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U UJ | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 55 | 43 - 116 |
| 2-Fluorophenol | 29 | 21 - 97 |
| 2,4,6-Tribromophenol | 76 | 29 - 126 |
| Nitrobenzene-d5 | 54 | 38 - 113 |
| Phenol-d5 | 20 | 18 - 97 |
| Terphenyl-d14 | 79 | 10 - 119 |

Gem
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-4**

Lab Sample ID: 220-1036-5
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1830
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0671.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.62 | 10 |
| Naphthalene | 0.68 | J | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **GW-4**

Lab Sample ID: 220-1036-5
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1830
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0671.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U UJ | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 62 | 43 - 116 |
| 2-Fluorophenol | 38 | 21 - 97 |
| 2,4,6-Tribromophenol | 84 | 29 - 126 |
| Nitrobenzene-d5 | 63 | 38 - 113 |
| Phenol-d5 | 27 | 18 - 97 |
| Terphenyl-d14 | 81 | 10 - 119 |

arm
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID:** **M-2**

Lab Sample ID: 220-1036-6
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1854
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0672.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 10 | U | 0.70 | 10 |
| Acenaphthylene | 10 | U | 0.78 | 10 |
| Anthracene | 10 | U | 1.0 | 10 |
| Benzo[a]anthracene | 10 | U | 0.77 | 10 |
| Benzo[a]pyrene | 10 | U | 0.50 | 10 |
| Benzo[b]fluoranthene | 10 | U | 0.95 | 10 |
| Benzo[g,h,i]perylene | 10 | U | 0.32 | 10 |
| Benzo[k]fluoranthene | 10 | U | 0.94 | 10 |
| Bis(2-chloroethoxy)methane | 10 | U | 1.2 | 10 |
| Bis(2-chloroethyl)ether | 10 | U | 1.1 | 10 |
| Bis(2-ethylhexyl) phthalate | 10 | U | 1.3 | 10 |
| Butyl benzyl phthalate | 10 | U | 0.99 | 10 |
| Carbazole | 10 | U | 0.76 | 10 |
| Chrysene | 10 | U | 1.2 | 10 |
| Di-n-butyl phthalate | 10 | U | 1.3 | 10 |
| Di-n-octyl phthalate | 10 | U | 0.98 | 10 |
| 4-Bromophenyl phenyl ether | 10 | U | 0.68 | 10 |
| 4-Chloroaniline | 10 | U | 0.90 | 10 |
| 2-Chloronaphthalene | 10 | U | 1.1 | 10 |
| 4-Chlorophenyl phenyl ether | 10 | U | 0.73 | 10 |
| Dibenz(a,h)anthracene | 10 | U | 0.24 | 10 |
| Dibenzofuran | 10 | U | 0.84 | 10 |
| Diethyl phthalate | 10 | U | 3.6 | 10 |
| Dimethyl phthalate | 10 | U | 0.92 | 10 |
| 1,2-Dichlorobenzene | 10 | U | 0.55 | 10 |
| 1,3-Dichlorobenzene | 10 | U | 0.29 | 10 |
| 1,4-Dichlorobenzene | 10 | U | 0.52 | 10 |
| 3,3'-Dichlorobenzidine | 10 | U | 0.96 | 10 |
| 2,4-Dinitrotoluene | 10 | U | 0.82 | 10 |
| 2,6-Dinitrotoluene | 10 | U | 0.99 | 10 |
| Fluoranthene | 10 | U | 0.91 | 10 |
| Fluorene | 10 | U | 0.71 | 10 |
| Hexachlorobenzene | 10 | U | 0.81 | 10 |
| Hexachlorobutadiene | 10 | U | 0.29 | 10 |
| Hexachlorocyclopentadiene | 10 | U | 2.2 | 10 |
| Hexachloroethane | 10 | U | 0.54 | 10 |
| Indeno[1,2,3-cd]pyrene | 10 | U | 0.32 | 10 |
| Isophorone | 10 | U | 0.50 | 10 |
| 2-Methylnaphthalene | 10 | U | 0.62 | 10 |
| Naphthalene | 10 | U | 0.45 | 10 |
| 2-Nitroaniline | 50 | U | 4.2 | 50 |
| 3-Nitroaniline | 50 | U | 0.78 | 50 |
| Nitrobenzene | 10 | U | 0.62 | 10 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: M-2**

Lab Sample ID: 220-1036-6
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/23/2007 1854
Date Prepared: 03/14/2007 1258

Analysis Batch: 220-4548
Prep Batch: 220-4262

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0672.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 10 | U | 0.65 | 10 |
| N-Nitrosodiphenylamine | 10 | U | 0.75 | 10 |
| Phenanthrene | 10 | U | 0.72 | 10 |
| Pyrene | 10 | U | 0.97 | 10 |
| 1,2,4-Trichlorobenzene | 10 | U | 0.43 | 10 |
| 4-Chloro-3-methylphenol | 10 | U | 0.87 | 10 |
| 2-Chlorophenol | 10 | U | 0.55 | 10 |
| 2-Methylphenol | 10 | U | 0.69 | 10 |
| 4-Methylphenol | 10 | U | 0.48 | 10 |
| 2,4-Dichlorophenol | 10 | U | 0.38 | 10 |
| 2,4-Dimethylphenol | 10 | U UJ | 0.88 | 10 |
| 2,4-Dinitrophenol | 50 | U | 5.1 | 50 |
| 4,6-Dinitro-2-methylphenol | 50 | U | 1.5 | 50 |
| 2-Nitrophenol | 10 | U | 0.51 | 10 |
| 4-Nitrophenol | 50 | U | 1.9 | 50 |
| Pentachlorophenol | 50 | U | 0.59 | 50 |
| Phenol | 10 | U | 0.23 | 10 |
| 2,4,5-Trichlorophenol | 50 | U | 1.1 | 50 |
| 2,4,6-Trichlorophenol | 10 | U | 0.89 | 10 |
| Benzyl alcohol | 10 | U | 1.2 | 10 |
| 4-Nitroaniline | 20 | U | 0.83 | 20 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 0.90 | 10 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 62 | 43 - 116 |
| 2-Fluorophenol | 35 | 21 - 97 |
| 2,4,6-Tribromophenol | 88 | 29 - 126 |
| Nitrobenzene-d5 | 58 | 38 - 113 |
| Phenol-d5 | 26 | 18 - 97 |
| Terphenyl-d14 | 85 | 10 - 119 |

aem
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-5**

Lab Sample ID: 220-1036-1
Client Matrix: Water

Date Sampled: 03/09/2007 1345
Date Received: 03/10/2007 1100

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1719
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 49 | | 4.0 | 25 |
| Cadmium | 2.2 | J | 0.76 | 10 |
| Chromium | 6.7 | J | 2.0 | 10 |
| Lead | 40 | | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 440 | | 0.38 | 5.0 |

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1118
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.21 | U | 0.070 | 0.20 |

akm
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-3**

Lab Sample ID: 220-1036-2
Client Matrix: Water

Date Sampled: 03/09/2007 1410
Date Received: 03/10/2007 1100

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1752
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 17 | J | 4.0 | 25 |
| Cadmium | 5.8 | J | 0.76 | 10 |
| Chromium | 67 | | 2.0 | 10 |
| Lead | 88 | | 3.0 | 5.0 |
| Selenium | 18 | J | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 390 | | 0.38 | 5.0 |

**7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)**

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1122
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

arm
4/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-6**

Lab Sample ID: 220-1036-3
Client Matrix: Water

Date Sampled: 03/09/2007 1500
Date Received: 03/10/2007 1100

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1757
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 4.5 | J | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 11 | | 2.0 | 10 |
| Lead | 9.7 | | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 40 | | 0.38 | 5.0 |

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1123
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: NW-1**

Lab Sample ID: 220-1036-4
Client Matrix: Water

Date Sampled: 03/09/2007 1530
Date Received: 03/10/2007 1100

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1802
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 4.0 | J | 0.76 | 10 |
| Chromium | 12 | | 2.0 | 10 |
| Lead | 8.2 | | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 140 | | 0.38 | 5.0 |

**7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)**

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1123
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-4**

Lab Sample ID: 220-1036-5
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1806
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 5.1 | J | 4.0 | 25 |
| Cadmium | 0.97 | J | 0.76 | 10 |
| Chromium | 15 | | 2.0 | 10 |
| Lead | 40 | | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 110 | | 0.38 | 5.0 |

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1124
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: M-2**

Lab Sample ID: 220-1036-6
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1811
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 15 | | 2.0 | 10 |
| Lead | 11 | | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 41 | | 0.38 | 5.0 |

**7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)**

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1125
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-5**

Lab Sample ID: 220-1036-8
Client Matrix: Water

Date Sampled: 03/09/2007 1345
Date Received: 03/10/2007 1100

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1816
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 3.8 | J | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 150 | | 0.38 | 5.0 |

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1128
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-3**

Lab Sample ID: 220-1036-9
Client Matrix: Water

Date Sampled: 03/09/2007 1410
Date Received: 03/10/2007 1100

**6010B Dissolved Metals-Dissolved**

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1821
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U | 3.0 | 5.0 |
| Selenium | 16 | J | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 39 | | 0.38 | 5.0 |

**7470 Dissolved Mercury-Dissolved**

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1129
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-6**

Lab Sample ID: 220-1036-10
Client Matrix: Water

Date Sampled: 03/09/2007 1500
Date Received: 03/10/2007 1100

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1825
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 24 | | 0.38 | 5.0 |

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1130
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: NW-1**

Lab Sample ID: 220-1036-11
Client Matrix: Water

Date Sampled: 03/09/2007 1530
Date Received: 03/10/2007 1100

**6010B Dissolved Metals-Dissolved**

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1830
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 3.0 | J | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 54 | | 0.38 | 5.0 |

**7470 Dissolved Mercury-Dissolved**

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1131
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: GW-4**

Lab Sample ID: 220-1036-12
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1845
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 4.2 | J | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 37 | | 0.38 | 5.0 |

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1132
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

**Client Sample ID: M-2**

Lab Sample ID: 220-1036-13
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

**6010B Dissolved Metals-Dissolved**

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/15/2007 1849
Date Prepared: 03/14/2007 1425

Analysis Batch: 220-4327
Prep Batch: 220-4273

Instrument ID: TJA Trace ICAP
Lab File ID: W031507
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U | 3.0 | 5.0 |
| Selenium | 30 | U | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 24 | | 0.38 | 5.0 |

**7470 Dissolved Mercury-Dissolved**

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/15/2007 1133
Date Prepared: 03/14/2007 1347

Analysis Batch: 220-4307
Prep Batch: 220-4270

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

## General Chemistry

**Client Sample ID:** **GW-5**

Lab Sample ID: 220-1036-1
Client Matrix: Water

Date Sampled: 03/09/2007 1345
Date Received: 03/10/2007 1100

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 UJ | U | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1016
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

**Client Sample ID:** **GW-3**

Lab Sample ID: 220-1036-2
Client Matrix: Water

Date Sampled: 03/09/2007 1410
Date Received: 03/10/2007 1100

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 UJ | U | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1017

**Client Sample ID:** **GW-6**

Lab Sample ID: 220-1036-3
Client Matrix: Water

Date Sampled: 03/09/2007 1500
Date Received: 03/10/2007 1100

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 UJ | U | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1020
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

**Client Sample ID:** **NW-1**

Lab Sample ID: 220-1036-4
Client Matrix: Water

Date Sampled: 03/09/2007 1530
Date Received: 03/10/2007 1100

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 9.2 J | J | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1021
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

arm
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1036-1
Sdg Number: 220-1036

## General Chemistry

**Client Sample ID:** **GW-4**

Lab Sample ID: 220-1036-5
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 25 | J | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1022
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

**Client Sample ID:** **M-2**

Lab Sample ID: 220-1036-6
Client Matrix: Water

Date Sampled: 03/09/2007 0000
Date Received: 03/10/2007 1100

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 | U UJ | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4342 Date Analyzed 03/16/2007 1025
Prep Batch: 220-4378 Date Prepared: 03/14/2007 1030

aem
6/18/07

NATURAL RESOURCE GROUP, INC.

# DATA VALIDATION CHECKLIST

**Job Number: 220-1044-1**

| | |
|---|---|
| Sample Identification(s): | NRG-4 2"<br>NRG-6 2"<br>NRG-5 2"<br>NRG-1 2" |
| Sample Date(s): | March 8, 2007 |
| Sample Team: | Stephen Lorentz, NRG |
| Sample Matrix: | Solid |
| Analyzing Laboratory: | Severn Trent Laboratories, Inc. Connecticut |

Analytical data were validated in accordance with applicable USEPA SW-846 analytical method requirements, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999), and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) criteria.

The data package reviewed includes analytical results and data for all samples associated with this job number. The data package was prepared in accordance with USEPA Contract Laboratory Program (CLP) Level IV deliverable protocols. Only QA/QC results and raw data associated with target analytes were reviewed and / or discussed under this validation.

## ANALYTICAL DATA PACKAGE DOCUMENTATION
## GENERAL INFORMATION

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Sample results | | X | | X | |
| 2. Parameters analyzed | | X | | X | |
| 3. Method of analysis | | X | | X | |
| 4. Reporting limits of analysis | | X | | X | |
| 5. Master tracking list | | X | | X | |
| 6. Sample collection date | | X | | X | |
| 7. Laboratory sample received date | | X | | X | |
| 8. Sample preparation/extraction date | | X | | X | |
| 9. Sample analysis date | | X | | X | |
| 10. Copy of chain-of-custody form signed by lab sample custodian | | X | | X | |
| 11. Narrative summary of QA or sample problems provided | | X | | X | |

QA - quality assurance

NATURAL RESOURCE GROUP, INC.

## INORGANIC ANALYSES – TOTAL METALS

*Method 6010B: Arsenic, Cadmium, Chromium, Lead, Selenium, Silver, & Barium*
*Method 7471A: Mercury*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blank | | X | | X | |
| B. Calibration blanks | | X | | X | |
| C. Field blanks | X | | | | X |
| 7. Interference check sample(ICS) %R | | X | X | | |
| 8. Serial dilution check %D | | X | | X | |
| 9. Laboratory control sample (LCS) %R | | X | | X | |
| 10. Matrix spike (MS) %R | | X | X | | |
| 11. Post-digestion spike (PDS) %R | | X | X | | |
| 12. Laboratory duplicate RPD | | X | | X | |
| 13. Field duplicate comparison | X | | | | X |

%R - percent recovery %D - percent difference RPD - relative percent difference
NA - not applicable or not analyzed

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

7. The interference check sample %R for Selenium was below control limits at 76%. Selenium results were qualified as estimated (J), if detect and estimated (UJ), if non-detect

10. The matrix spike %R for Cadmium was above control limits at 129%. Since the post-digestion spike %R was within control limits, the Cadmium results were qualified as estimated (J), if detect. The %R for Chromium and Lead were also outside control limits. Since the sample results for Chromium and Lead were greater than 4x the spike amount, no qualification of the data was required.

11. The post-digestion spike %R for Lead was outside control limits. Since the sample result for Lead was greater than 4x the spike amount, no qualification of the data was required.

## INORGANIC ANALYSES - GENERAL CHEMISTRY METHODS

*Method 9012B: Cyanide*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Calibration blanks | | X | | X | |
| C. Field blanks | X | | | | X |
| 7. Laboratory control sample (LCS) %R | | X | | X | |
| 8. Matrix spike (MS) %R | | X | X | | |
| 9. Post-digestion spike (PDS) %R | | | | | |
| 10. Laboratory duplicate RPD | | X | | X | |
| 11. Field duplicate comparison | X | | | | X |

%R percent recovery
LCS - laboratory control sample
RPD - relative percent difference
NA - not applicable or not analyzed
MSD - matrix spike duplicate

Comments:

Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

8. The MS %R was above control limits at 149%. Cyanide results were qualified as estimated (J), if detect.

NATURAL RESOURCE GROUP, INC.

## DATA VALIDATION CHECKLIST
## SUMMARY OF DATA QUALIFIER CODES

| Sample ID | Analyte(s) | Result | Qualifier | Reason(s) |
|---|---|---|---|---|
| NRG-4 2" | Cadmium | 8.2 mg/kg | J | MS %R above control limits. |
| | Selenium | <11.7 mg/kg | UJ | ICS %R below control limits. |
| | Cyanide | 7000 ug/kg | J | MS %R above control limit. |
| NRG-6 2" | Cadmium | 1.5 mg/kg | J | MS %R above control limits. |
| | Selenium | <9.1 mg/kg | UJ | ICS %R below control limits. |
| NRG-5 2" | Cadmium | 10 mg/kg | J | MS %R above control limits. |
| | Selenium | <13.1 mg/kg | UJ | ICS %R below control limits. |
| | Cyanide | 1000 ug/kg | J | MS %R above control limits. |
| NRG-1 2" | Cadmium | 2.2 mg/kg | J | MS %R above control limits. |
| | Selenium | <14.4 mg/kg | UJ | ICS %R below control limits. |

VALIDATION PERFORMED BY: Anica McAdams

VALIDATION PERFORMED BY SIGNATURE: Anica McAdams

DATE: 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1044-1

**Client Sample ID: NRG-4 2"**

Lab Sample ID: 220-1044-1
Client Matrix: Solid
% Moisture: 6.5
Date Sampled: 03/09/2007 0000
Date Received: 03/13/2007 0930

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/22/2007 1235 ✓
Date Prepared: 03/21/2007 1508

Analysis Batch: 220-4493
Prep Batch: 220-4441

Instrument ID: TJA Trace ICAP
Lab File ID: D032207
Initial Weight/Volume: 1.14 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 4.1 | J | 2.2 | 9.4 |
| Cadmium | | 8.2 | J | 1.2 | 5.9 |
| Chromium | | 107 | | 0.44 | 3.5 |
| Lead | | 204 | | 1.2 | 5.9 |
| Selenium | | 11.7 | U UJ | 2.3 | 11.7 |
| Silver | | 1.7 | J | 0.34 | 3.5 |
| Barium | | 332 | | 0.29 | 2.3 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/22/2007 1432 ✓
Date Prepared: 03/20/2007 1228

Analysis Batch: 220-4487
Prep Batch: 220-4392

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.63 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.073 | | 0.015 | 0.051 |

aem
6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1044-1

**Client Sample ID: NRG-6 2"**

Lab Sample ID: 220-1044-2
Client Matrix: Solid

% Moisture: 10.2

Date Sampled: 03/09/2007 0000
Date Received: 03/13/2007 0930

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/22/2007 1258
Date Prepared: 03/21/2007 1508

Analysis Batch: 220-4493
Prep Batch: 220-4441

Instrument ID: TJA Trace ICAP
Lab File ID: D032207
Initial Weight/Volume: 1.53 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 4.6 | J | 1.7 | 7.3 |
| Cadmium | | 1.5 | J J | 0.91 | 4.5 |
| Chromium | | 335 | | 0.34 | 2.7 |
| Lead | | 51.9 | | 0.91 | 4.5 |
| Selenium | | 9.1 | U UJ | 1.8 | 9.1 |
| Silver | | 2.7 | U | 0.27 | 2.7 |
| Barium | | 138 | | 0.23 | 1.8 |

## 7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/22/2007 1435
Date Prepared: 03/20/2007 1228

Analysis Batch: 220-4487
Prep Batch: 220-4392

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.70 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.15 | | 0.014 | 0.048 |

arm
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1044-1

**Client Sample ID: NRG-5 2"**

Lab Sample ID: 220-1044-3
Client Matrix: Solid
% Moisture: 30.9
Date Sampled: 03/09/2007 0000
Date Received: 03/13/2007 0930

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/22/2007 1312 ✓
Date Prepared: 03/21/2007 1508

Analysis Batch: 220-4493
Prep Batch: 220-4441

Instrument ID: TJA Trace ICAP
Lab File ID: D032207
Initial Weight/Volume: 1.38 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 11.0 | | 2.5 | 10.5 |
| Cadmium | | 10 | J | 1.3 | 6.6 |
| Chromium | | 312 | | 0.49 | 3.9 |
| Lead | | 899 | | 1.3 | 6.6 |
| Selenium | | 13.1 | U UJ | 2.6 | 13.1 |
| Silver | | 3.9 | U | 0.38 | 3.9 |
| Barium | | 165 | | 0.33 | 2.6 |

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/22/2007 1437 ✓
Date Prepared: 03/20/2007 1228

Analysis Batch: 220-4487
Prep Batch: 220-4392

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.70 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.18 | | 0.019 | 0.062 |

ARM
6/18/07

Client: Natural Resource Group, Inc.

Job Number: 220-1044-1

**Client Sample ID: NRG-1 2"**

Lab Sample ID: 220-1044-4
Client Matrix: Solid
% Moisture: 28.8
Date Sampled: 03/08/2007 0000
Date Received: 03/13/2007 0930

**6010B Inductively Coupled Plasma - Atomic Emission Spectrometry**

Method: 6010B
Preparation: 3050B
Dilution: 1.0
Date Analyzed: 03/22/2007 1316
Date Prepared: 03/21/2007 1508

Analysis Batch: 220-4493
Prep Batch: 220-4441

Instrument ID: TJA Trace ICAP
Lab File ID: D032207
Initial Weight/Volume: 1.22 g
Final Weight/Volume: 250 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Arsenic | | 10.1 | J | 2.7 | 11.5 |
| Cadmium | | 2.2 | J J | 1.4 | 7.2 |
| Chromium | | 42.0 | | 0.54 | 4.3 |
| Lead | | 229 | | 1.4 | 7.2 |
| Selenium | | 14.4 | U UJ | 2.9 | 14.4 |
| Silver | | 4.3 | U | 0.42 | 4.3 |
| Barium | | 185 | | 0.36 | 2.9 |

**7471A Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)**

Method: 7471A
Preparation: 7471A
Dilution: 1.0
Date Analyzed: 03/22/2007 1438
Date Prepared: 03/20/2007 1228

Analysis Batch: 220-4487
Prep Batch: 220-4392

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 0.72 g
Final Weight/Volume: 50 mL

| Analyte | DryWt Corrected: Y | Result (mg/Kg) | Qualifier | MDL | RL |
|---|---|---|---|---|---|
| Mercury | | 0.48 | | 0.018 | 0.059 |

arm
6/18/07

## General Chemistry

**Client Sample ID:** **NRG-4 2"**

Lab Sample ID: 220-1044-1 Date Sampled: 03/09/2007 0000
Client Matrix: Solid % Moisture: 6.5 Date Received: 03/13/2007 0930

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 7000 | J | ug/Kg | 77 | 520 | 1.0 | 9012B |
| | Anly Batch: 220-4342 | Date Analyzed | 03/16/2007 1048 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4380 | Date Prepared: | 03/14/2007 1030 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 6.51 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4234 | Date Analyzed | 03/13/2007 1400 | | | | |
| Percent Solids | 93.5 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4234 | Date Analyzed | 03/13/2007 1400 | | | | |

**Client Sample ID:** **NRG-6 2"**

Lab Sample ID: 220-1044-2 Date Sampled: 03/09/2007 0000
Client Matrix: Solid % Moisture: 10.2 Date Received: 03/13/2007 0930

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 530 | U | ug/Kg | 78 | 530 | 1.0 | 9012B |
| | Anly Batch: 220-4342 | Date Analyzed | 03/16/2007 1031 | | | DryWt Corrected: Y | |
| | Prep Batch: 220-4380 | Date Prepared: | 03/14/2007 1030 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 10.2 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4234 | Date Analyzed | 03/13/2007 1400 | | | | |
| Percent Solids | 89.8 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4234 | Date Analyzed | 03/13/2007 1400 | | | | |

aem
6/18/07

## General Chemistry

**Client Sample ID:** **NRG-5 2"**

Lab Sample ID: 220-1044-3
Client Matrix: Solid
% Moisture: 30.9
Date Sampled: 03/09/2007 0000
Date Received: 03/13/2007 0930

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 1000 | J | ug/Kg | 100 | 690 | 1.0 | 9012B |
| | Anly Batch: 220-4342 | Date Analyzed | 03/16/2007 1032 | | | | DryWt Corrected: Y |
| | Prep Batch: 220-4380 | Date Prepared: | 03/14/2007 1330 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 30.9 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4234 | Date Analyzed | 03/13/2007 1400 | | | | |
| Percent Solids | 69.1 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4234 | Date Analyzed | 03/13/2007 1400 | | | | |

**Client Sample ID:** **NRG-1 2"**

Lab Sample ID: 220-1044-4
Client Matrix: Solid
% Moisture: 28.8
Date Sampled: 03/08/2007 0000
Date Received: 03/13/2007 0930

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 660 | U | ug/Kg | 98 | 660 | 1.0 | 9012B |
| | Anly Batch: 220-4342 | Date Analyzed | 03/16/2007 1033 | | | | DryWt Corrected: Y |
| | Prep Batch: 220-4380 | Date Prepared: | 03/14/2007 1330 | | | | |

| Analyte | Result | Qual | Units | RL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Percent Moisture | 28.8 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4234 | Date Analyzed | 03/13/2007 1400 | | | | |
| Percent Solids | 71.2 | | % | 0.100 | 0.100 | 1.0 | PercentMoisture |
| | Anly Batch: 220-4234 | Date Analyzed | 03/13/2007 1400 | | | | |

aem
6/18/07

NATURAL RESOURCE GROUP, INC.

# DATA VALIDATION CHECKLIST

**Job Number: 220-1072-1**

| | |
|---|---|
| Sample Identification(s): | NRG-4<br>NRG-3<br>TRIP BLANK |

| | |
|---|---|
| Sample Date(s): | May 14 2007 |
| Sample Team: | Dave Steiner, SJB Empire |
| Sample Matrix: | Water |
| Analyzing Laboratory: | Severn Trent Laboratories, Inc. Connecticut |

Analytical data were validated in accordance with applicable USEPA SW-846 analytical method requirements, "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999), and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) criteria.

The data package reviewed includes analytical results and data for all samples associated with this job number. The data package was prepared in accordance with USEPA Contract Laboratory Program (CLP) Level IV deliverable protocols. Only QA/QC results and raw data associated with target analytes were reviewed and / or discussed under this validation.

## ANALYTICAL DATA PACKAGE DOCUMENTATION
## GENERAL INFORMATION

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Sample results | | X | | X | |
| 2. Parameters analyzed | | X | | X | |
| 3. Method of analysis | | X | | X | |
| 4. Reporting limits of analysis | | X | | X | |
| 5. Master tracking list | | X | | X | |
| 6. Sample collection date | | X | | X | |
| 7. Laboratory sample received date | | X | | X | |
| 8. Sample preparation/extraction date | | X | | X | |
| 9. Sample analysis date | | X | | X | |
| 10. Copy of chain-of-custody form signed by lab sample custodian | | X | | X | |
| Narrative summary of QA or sample problems provided | | X | | X | |

QA - quality assurance

## INORGANIC ANALYSES – TOTAL AND DISSOLVED METALS

*Method 6010B: Arsenic, Cadmium, Chromium, Lead, Selenium, Silver, & Barium*
*Method 7471A: Mercury*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blank | | X | X | | |
| B. Calibration blanks | | X | | X | |
| C. Field blanks | X | | | | X |
| 7. Interference check sample %R | | X | X | | |
| 8. Serial dilution check %D | | X | | X | |
| 9. Laboratory control sample (LCS) %R | | X | | X | |
| 10. Matrix spike (MS) %R | | X | X | | |
| 11. Post-digestion spike (PDS) %R | X | | | | |
| 12. Laboratory duplicate RPD | | X | | X | |
| 13. Field duplicate comparison | X | | | | |

%R - percent recovery %D - percent difference RPD - relative percent difference
NA - not applicable or not analyzed

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

6a. The method blank had a barium concentration of 0.97 ug/L. All sample results were greater than 5x the blank concentration; therefore, no qualification of the data was required.

7. The interference check sample %R was below control limits for lead and selenium at 74% for both. All sample results were qualified as estimated (J), if detect and estimated (UJ) if non-detect.

10. The matrix spike %R for mercury was below control limits at 31%. Since the sample concentration was less than 4 times the spike added, no qualification of the data was required.

## INORGANIC ANALYSES - GENERAL CHEMISTRY METHODS

*Method 9012B: Cyanide*

| | Reported | | Performance Acceptable | | Not Required |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Calibration curve standards | | X | | X | |
| 4. Initial calibration verification (ICV) %R | | X | | X | |
| 5. Continuing calibration verification (CCV) %R | | X | | X | |
| 6. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Calibration blanks | | X | | X | |
| C. Field blanks | X | | | | |
| 7. Laboratory control sample (LCS) %R | | X | | X | |
| 8. Matrix spike (MS) %R | | X | X | | |
| 9. Post-digestion spike (PDS) %R | | X | | X | |
| 10. Laboratory duplicate RPD | | X | | X | |
| 11. Field duplicate comparison | X | | | | |

%R percent recovery
LCS - laboratory control sample
RPD - relative percent difference
NA - not applicable or not analyzed
MSD - matrix spike duplicate

Comments:

Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review" (February 1994) unless otherwise noted.

8. The MS %R was below control limits at 8%. Since the sample concentration was less than 4 times the spike added, no qualification of the data was required

NATURAL RESOURCE GROUP, INC.

## ORGANIC ANALYSES - VOLATILE ORGANIC COMPOUND

*Method 8260B*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS) | | | | | |
| 1. Holding times | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Blanks | | | | | |
| A. Method blanks | | X | X | | |
| B. Field Blanks | X | | | | X |
| C. Trip blanks | | X | X | | |
| 4. Instrument tune and performance check | | X | | X | |
| 5. Initial calibration RRF's and %RSD's | | X | X | | |
| 6. Continuing calibration RRF's and %D's | | X | X | | |
| 7. Laboratory Control Sample (LCS) %R | | X | | X | |
| 8. Matrix spike (MS) %R | X | | | | |
| 9. Matrix spike duplicate (MSD) %R | X | | | | |
| 10. MS/MSD precision (RPD) | X | | | | |
| 11. Surrogate spike recoveries | | X | | X | |
| 12. Internal standard retention times and areas | | X | | X | |
| 13. Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | X | | X | |
| B. Quantitation reports | | X | | X | |
| 14. Field duplicate comparison | X | | | | X |

%D - percent drift RRF - relative response factor %R - percent recovery
%RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exception and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999) unless otherwise noted.

3a. The method blank for Batch 220-4398 had acetone concentration of 2.5 ug/L, a 2-butanone concentration of 1.7 ug/L, and a methylene chloride concentration of 0.65. Samples NRG-4, NRG-3, and TRIP BLANK had acetone concentrations less than 5 times the blank concentration; therefore these results were qualified as non-detect (U) at the reporting limit.

3c. The TRIP BLANK sample had an acetone concentration of 2.0 ug/L, a dibromochloromethane concentration of 0.85 ug/L, and a methylene chloride concentration of 4.1 ug/L. The acetone result was qualified as non-detect (U) due to contamination in the method blank. All samples were non-detect for methylene chloride and dibromochloromethane.

5. The initial calibration %RSD for acetone and 2-Butanone were above the control limit at 62.2% and 35.9%, respectively. Since the sample data for acetone were qualified as non-detect (U) due to blank contamination and there were no detections of 2-Butanone, no additional qualification of the data was necessary.

## ORGANIC ANALYSES - VOLATILE ORGANIC COMPOUND (cont.)

6. The continuing calibration %D for acetone and 2-Butanone were above the control limit at 33.3% and 25.4.9%, respectively. Since the sample data for acetone were qualified as non-detect (U) due to blank contamination and there were no detections of 2-Butanone, no additional qualification of the data was necessary.

## ORGANIC ANALYSES - SEMIVOLATILE ORGANIC COMPOUNDS

*Method 8270C*

| | Reported | | Performance Acceptable | | Not |
|---|---|---|---|---|---|
| | No | Yes | No | Yes | Required |
| GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS) | | | | | |
| 1. Holding times | | | | | |
| A. Extraction holding time | | X | | X | |
| B. Analysis holding time | | X | | X | |
| 2. Reporting limits | | X | | X | |
| 3. Blanks | | | | | |
| A. Method blanks | | X | | X | |
| B. Field Blanks | X | | | | |
| 4. Instrument tune and performance check | | X | | X | |
| 5. Initial calibration RRF's and %RSD's | | X | | X | |
| 6. Continuing calibration RRF's and %D's | | X | | X | |
| 7. Matrix spike (MS) %R | X | | | | |
| 8. Matrix spike duplicate (MSD) %R | X | | | | |
| 9. MS/MSD precision (RPD) | X | | | | |
| 10. Laboratory control sample (LCS) %R | | X | | X | |
| 11. LCS duplicate (LCSD) %R | X | | | | X |
| 12. LCS/LCSD precision (RPD) | X | | | | X |
| 13. Surrogate spike recoveries | | X | | X | |
| 14. Internal standard retention times and areas | | X | | X | |
| 15. Compound identification and quantitation | | | | | |
| A. Reconstructed ion chromatograms | | X | | X | |
| B. Quantitation reports | | X | | X | |
| 16. Field duplicate comparison | X | | | | X |

%D - percent drift RRF - relative response factor %R - percent recovery
%RSD - percent relative standard deviation RPD - relative percent difference

Comments:
Performance was acceptable, with the following exceptions and notes.

Qualification of data was based on "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review" (October 1999) unless otherwise noted.

No qualification of the data was needed. All QA/QC data was within control limits.

NATURAL RESOURCE GROUP, INC.

## DATA VALIDATION CHECKLIST
## SUMMARY OF DATA QUALIFIER CODES

| Sample ID | Analyte(s) | Result | Qualifier | Reason(s) |
|---|---|---|---|---|
| NRG-4 | Lead | 210 ug/L | J | ICS below control limits. |
| | Selenium | <30 ug/L | UJ | ICS below control limits. |
| | Dissolved Lead | <5.0 ug/L | UJ | ICS below control limits. |
| | Dissolved Selenium | <30 ug/L | UJ | ICS below control limits. |
| | Acetone | 10 ug/L | U | Blank contamination. |
| NRG-3 | Lead | 350 ug/L | J | ICS below control limits. |
| | Selenium | <30 ug/L | UJ | ICS below control limits. |
| | Dissolved Lead | <5.0 ug/L | UJ | ICS below control limits. |
| | Dissolved Selenium | <30 ug/L | UJ | ICS below control limits. |
| | Acetone | 10 ug/L | U | Blank contamination. |
| TRIP BLANK | Acetone | 10 ug/L | U | Blank contamination. |

VALIDATION PERFORMED BY: Anica McAdams

VALIDATION PERFORMED BY SIGNATURE: Anica McAdams

DATE: 6/18/07

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID:** **NRG-4**

Lab Sample ID: 220-1072-1
Client Matrix: Water

Date Sampled: 03/14/2007 1435
Date Received: 03/15/2007 0950

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/22/2007 0037
Date Prepared: 03/22/2007 0037

Analysis Batch: 220-4498

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Y7872.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 ~~2.1~~ | ~~J B~~ U | 1.4 | 10 |
| Benzene | 0.79 | J | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.4 | | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U M | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 1.3 | J | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 1.8 | J | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 1.6 | J | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

AKM 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 98 | 53 - 125 |
| 4-Bromofluorobenzene | 89 | 73 - 127 |
| Dibromofluoromethane | 98 | 54 - 137 |
| Toluene-d8 (Surr) | 93 | 63 - 121 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID:** **NRG-3**

Lab Sample ID: 220-1072-2
Client Matrix: Water

Date Sampled: 03/14/2007 1455
Date Received: 03/15/2007 0950

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/22/2007 0104
Date Prepared: 03/22/2007 0104

Analysis Batch: 220-4498

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Y7873.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | 10 ~~2.7~~ | ~~J B~~ U | 1.4 | 10 |
| Benzene | 1.7 | J | 0.40 | 5.0 |
| Bromodichloromethane | 5.0 | U | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U M | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 5.0 | U | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 5.0 | U | 0.50 | 5.0 |
| 1,1-Dichloroethane | 2.3 | J | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 1.1 | J | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 5.0 | U | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 1.2 | J | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 3.1 | J | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 10 | | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

acw 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 98 | 53 - 125 |
| 4-Bromofluorobenzene | 90 | 73 - 127 |
| Dibromofluoromethane | 100 | 54 - 137 |
| Toluene-d8 (Surr) | 92 | 63 - 121 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID:** **TRIP BLANK**

Lab Sample ID: 220-1072-5TB
Client Matrix: Water

Date Sampled: 03/14/2007 0000
Date Received: 03/15/2007 0950

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 03/22/2007 0130
Date Prepared: 03/22/2007 0130

Analysis Batch: 220-4498

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Y7874.D
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acetone | ~~2.0~~ 10 | ~~J B~~ U | 1.4 | 10 |
| Benzene | 5.0 | U | 0.40 | 5.0 |
| Bromodichloromethane | 5.9 | | 0.40 | 5.0 |
| Bromoform | 5.0 | U | 0.80 | 5.0 |
| Bromomethane | 5.0 | U | 1.2 | 5.0 |
| 2-Butanone (MEK) | 10 | U | 1.2 | 10 |
| Carbon disulfide | 5.0 | U M | 0.90 | 5.0 |
| Carbon tetrachloride | 5.0 | U | 1.0 | 5.0 |
| Chlorobenzene | 5.0 | U | 0.40 | 5.0 |
| Chloroethane | 5.0 | U | 0.80 | 5.0 |
| Chloroform | 22 | | 0.70 | 5.0 |
| Chloromethane | 5.0 | U | 0.50 | 5.0 |
| Dibromochloromethane | 0.85 | J | 0.50 | 5.0 |
| 1,1-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,2-Dichloroethane | 5.0 | U | 0.60 | 5.0 |
| 1,1-Dichloroethene | 5.0 | U | 0.70 | 5.0 |
| 1,2-Dichloropropane | 5.0 | U | 0.90 | 5.0 |
| cis-1,3-Dichloropropene | 5.0 | U | 0.50 | 5.0 |
| trans-1,3-Dichloropropene | 5.0 | U | 0.80 | 5.0 |
| Ethylbenzene | 5.0 | U | 1.0 | 5.0 |
| 2-Hexanone | 10 | U | 0.80 | 10 |
| Methylene Chloride | 4.1 | J B | 0.40 | 5.0 |
| 4-Methyl-2-pentanone (MIBK) | 10 | U | 0.70 | 10 |
| Styrene | 5.0 | U | 0.50 | 5.0 |
| 1,1,2,2-Tetrachloroethane | 5.0 | U | 0.40 | 5.0 |
| Tetrachloroethene | 5.0 | U | 0.50 | 5.0 |
| Toluene | 5.0 | U | 0.30 | 5.0 |
| 1,1,1-Trichloroethane | 5.0 | U | 0.40 | 5.0 |
| 1,1,2-Trichloroethane | 5.0 | U | 0.60 | 5.0 |
| Trichloroethene | 5.0 | U | 0.70 | 5.0 |
| Vinyl chloride | 5.0 | U | 0.80 | 5.0 |
| Xylenes, Total | 5.0 | U | 1.0 | 5.0 |
| cis-1,2-Dichloroethene | 5.0 | U | 0.60 | 5.0 |
| trans-1,2-Dichloroethene | 5.0 | U | 0.50 | 5.0 |

akh 6/18/07

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 1,2-Dichloroethane-d4 (Surr) | 98 | 53 - 125 |
| 4-Bromofluorobenzene | 89 | 73 - 127 |
| Dibromofluoromethane | 99 | 54 - 137 |
| Toluene-d8 (Surr) | 93 | 63 - 121 |

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID:** **NRG-4**

Lab Sample ID: 220-1072-1
Client Matrix: Water

Date Sampled: 03/14/2007 1435
Date Received: 03/15/2007 0950

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/22/2007 2159
Date Prepared: 03/21/2007 1519

Analysis Batch: 220-4510
Prep Batch: 220-4490

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0660.D
Initial Weight/Volume: 950 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 3.9 | J | 0.74 | 11 |
| Acenaphthylene | 11 | U | 0.82 | 11 |
| Anthracene | 11 | U | 1.1 | 11 |
| Benzo[a]anthracene | 11 | U | 0.81 | 11 |
| Benzo[a]pyrene | 11 | U | 0.53 | 11 |
| Benzo[b]fluoranthene | 11 | U | 1.0 | 11 |
| Benzo[g,h,i]perylene | 11 | U | 0.34 | 11 |
| Benzo[k]fluoranthene | 11 | U | 0.99 | 11 |
| Bis(2-chloroethoxy)methane | 11 | U | 1.2 | 11 |
| Bis(2-chloroethyl)ether | 11 | U | 1.2 | 11 |
| Bis(2-ethylhexyl) phthalate | 11 | U | 1.3 | 11 |
| Butyl benzyl phthalate | 11 | U | 1.0 | 11 |
| Carbazole | 4.8 | J | 0.80 | 11 |
| Chrysene | 11 | U | 1.2 | 11 |
| Di-n-butyl phthalate | 11 | U | 1.4 | 11 |
| Di-n-octyl phthalate | 11 | U | 1.0 | 11 |
| 4-Bromophenyl phenyl ether | 11 | U | 0.72 | 11 |
| 4-Chloroaniline | 11 | U | 0.95 | 11 |
| 2-Chloronaphthalene | 11 | U | 1.1 | 11 |
| 4-Chlorophenyl phenyl ether | 11 | U | 0.77 | 11 |
| Dibenz(a,h)anthracene | 11 | U | 0.25 | 11 |
| Dibenzofuran | 5.1 | J | 0.88 | 11 |
| Diethyl phthalate | 11 | U | 3.7 | 11 |
| Dimethyl phthalate | 11 | U | 0.97 | 11 |
| 1,2-Dichlorobenzene | 11 | U | 0.58 | 11 |
| 1,3-Dichlorobenzene | 11 | U | 0.31 | 11 |
| 1,4-Dichlorobenzene | 11 | U | 0.55 | 11 |
| 3,3'-Dichlorobenzidine | 11 | U | 1.0 | 11 |
| 2,4-Dinitrotoluene | 11 | U | 0.86 | 11 |
| 2,6-Dinitrotoluene | 11 | U | 1.0 | 11 |
| Fluoranthene | 11 | U | 0.96 | 11 |
| Fluorene | 9.2 | J | 0.75 | 11 |
| Hexachlorobenzene | 11 | U | 0.85 | 11 |
| Hexachlorobutadiene | 11 | U | 0.31 | 11 |
| Hexachlorocyclopentadiene | 11 | U | 2.3 | 11 |
| Hexachloroethane | 11 | U | 0.57 | 11 |
| Indeno[1,2,3-cd]pyrene | 11 | U | 0.34 | 11 |
| Isophorone | 11 | U | 0.53 | 11 |
| 2-Methylnaphthalene | 5.8 | J | 0.65 | 11 |
| Naphthalene | 19 | | 0.47 | 11 |
| 2-Nitroaniline | 53 | U | 4.4 | 53 |
| 3-Nitroaniline | 53 | U | 0.82 | 53 |
| Nitrobenzene | 11 | U | 0.65 | 11 |

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID:** **NRG-4**

Lab Sample ID: 220-1072-1
Client Matrix: Water

Date Sampled: 03/14/2007 1435
Date Received: 03/15/2007 0950

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 03/22/2007 2159
Date Prepared: 03/21/2007 1519

Analysis Batch: 220-4510
Prep Batch: 220-4490

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0660.D
Initial Weight/Volume: 950 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 11 | U | 0.68 | 11 |
| N-Nitrosodiphenylamine | 11 | U | 0.79 | 11 |
| Phenanthrene | 7.7 | J | 0.76 | 11 |
| Pyrene | 11 | U | 1.0 | 11 |
| 1,2,4-Trichlorobenzene | 11 | U | 0.45 | 11 |
| 4-Chloro-3-methylphenol | 11 | U | 0.92 | 11 |
| 2-Chlorophenol | 11 | U | 0.58 | 11 |
| 2-Methylphenol | 58 | | 0.73 | 11 |
| 4-Methylphenol | 65 | | 0.51 | 11 |
| 2,4-Dichlorophenol | 11 | U | 0.40 | 11 |
| 2,4-Dimethylphenol | 58 | | 0.93 | 11 |
| 2,4-Dinitrophenol | 53 | U | 5.4 | 53 |
| 4,6-Dinitro-2-methylphenol | 53 | U | 1.5 | 53 |
| 2-Nitrophenol | 11 | U | 0.54 | 11 |
| 4-Nitrophenol | 53 | U | 1.9 | 53 |
| Pentachlorophenol | 53 | U | 0.62 | 53 |
| Phenol | 2.1 | J | 0.24 | 11 |
| 2,4,5-Trichlorophenol | 53 | U | 1.2 | 53 |
| 2,4,6-Trichlorophenol | 11 | U | 0.94 | 11 |
| Benzyl alcohol | 11 | U | 1.3 | 11 |
| 4-Nitroaniline | 21 | U | 0.87 | 21 |
| 2,2'-oxybis[1-chloropropane] | 11 | U | 0.95 | 11 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 64 | 43 - 116 |
| 2-Fluorophenol | 37 | 21 - 97 |
| 2,4,6-Tribromophenol | 70 | 29 - 126 |
| Nitrobenzene-d5 | 58 | 38 - 113 |
| Phenol-d5 | 27 | 18 - 97 |
| Terphenyl-d14 | 76 | 10 - 119 |

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID:** **NRG-3**

Lab Sample ID: 220-1072-2
Client Matrix: Water

Date Sampled: 03/14/2007 1455
Date Received: 03/15/2007 0950

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 5.0
Date Analyzed: 03/23/2007 2050
Date Prepared: 03/21/2007 1519

Analysis Batch: 220-4548
Prep Batch: 220-4490

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0677.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Acenaphthene | 5.5 | J | 3.5 | 50 |
| Acenaphthylene | 50 | U | 3.9 | 50 |
| Anthracene | 50 | U M | 5.1 | 50 |
| Benzo[a]anthracene | 50 | U | 3.9 | 50 |
| Benzo[a]pyrene | 50 | U | 2.5 | 50 |
| Benzo[b]fluoranthene | 50 | U | 4.8 | 50 |
| Benzo[g,h,i]perylene | 50 | U | 1.6 | 50 |
| Benzo[k]fluoranthene | 50 | U | 4.7 | 50 |
| Bis(2-chloroethoxy)methane | 50 | U | 5.9 | 50 |
| Bis(2-chloroethyl)ether | 50 | U | 5.5 | 50 |
| Bis(2-ethylhexyl) phthalate | 50 | U | 6.3 | 50 |
| Butyl benzyl phthalate | 50 | U | 5.0 | 50 |
| Carbazole | 50 | U | 3.8 | 50 |
| Chrysene | 50 | U | 5.8 | 50 |
| Di-n-butyl phthalate | 50 | U | 6.5 | 50 |
| Di-n-octyl phthalate | 50 | U | 4.9 | 50 |
| 4-Bromophenyl phenyl ether | 50 | U | 3.4 | 50 |
| 4-Chloroaniline | 50 | U | 4.5 | 50 |
| 2-Chloronaphthalene | 50 | U | 5.3 | 50 |
| 4-Chlorophenyl phenyl ether | 50 | U | 3.7 | 50 |
| Dibenz(a,h)anthracene | 50 | U | 1.2 | 50 |
| Dibenzofuran | 50 | U | 4.2 | 50 |
| Diethyl phthalate | 50 | U | 18 | 50 |
| Dimethyl phthalate | 50 | U | 4.6 | 50 |
| 1,2-Dichlorobenzene | 50 | U | 2.8 | 50 |
| 1,3-Dichlorobenzene | 50 | U | 1.5 | 50 |
| 1,4-Dichlorobenzene | 50 | U | 2.6 | 50 |
| 3,3'-Dichlorobenzidine | 50 | U | 4.8 | 50 |
| 2,4-Dinitrotoluene | 50 | U | 4.1 | 50 |
| 2,6-Dinitrotoluene | 50 | U | 5.0 | 50 |
| Fluoranthene | 50 | U | 4.6 | 50 |
| Fluorene | 4.0 | J | 3.6 | 50 |
| Hexachlorobenzene | 50 | U | 4.1 | 50 |
| Hexachlorobutadiene | 50 | U | 1.5 | 50 |
| Hexachlorocyclopentadiene | 50 | U | 11 | 50 |
| Hexachloroethane | 50 | U | 2.7 | 50 |
| Indeno[1,2,3-cd]pyrene | 50 | U | 1.6 | 50 |
| Isophorone | 50 | U | 2.5 | 50 |
| 2-Methylnaphthalene | 5.3 | J | 3.1 | 50 |
| Naphthalene | 18 | J | 2.3 | 50 |
| 2-Nitroaniline | 250 | U | 21 | 250 |
| 3-Nitroaniline | 250 | U | 3.9 | 250 |
| Nitrobenzene | 50 | U | 3.1 | 50 |

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID:** **NRG-3**

Lab Sample ID: 220-1072-2
Client Matrix: Water

Date Sampled: 03/14/2007 1455
Date Received: 03/15/2007 0950

**8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)**

Method: 8270C
Preparation: 3510C
Dilution: 5.0
Date Analyzed: 03/23/2007 2050
Date Prepared: 03/21/2007 1519

Analysis Batch: 220-4548
Prep Batch: 220-4490

Instrument ID: HP 6890/5973 GC/MS
Lab File ID: Z0677.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 1.0 mL
Injection Volume:

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| N-Nitrosodi-n-propylamine | 50 | U | 3.3 | 50 |
| N-Nitrosodiphenylamine | 50 | U | 3.8 | 50 |
| Phenanthrene | 5.5 | J | 3.6 | 50 |
| Pyrene | 50 | U | 4.9 | 50 |
| 1,2,4-Trichlorobenzene | 50 | U | 2.2 | 50 |
| 4-Chloro-3-methylphenol | 50 | U | 4.4 | 50 |
| 2-Chlorophenol | 50 | U | 2.8 | 50 |
| 2-Methylphenol | 330 | | 3.5 | 50 |
| 4-Methylphenol | 42 | J | 2.4 | 50 |
| 2,4-Dichlorophenol | 50 | U | 1.9 | 50 |
| 2,4-Dimethylphenol | 300 | | 4.4 | 50 |
| 2,4-Dinitrophenol | 250 | U | 26 | 250 |
| 4,6-Dinitro-2-methylphenol | 250 | U | 7.3 | 250 |
| 2-Nitrophenol | 50 | U | 2.6 | 50 |
| 4-Nitrophenol | 250 | U | 9.3 | 250 |
| Pentachlorophenol | 250 | U | 3.0 | 250 |
| Phenol | 4.6 | J | 1.2 | 50 |
| 2,4,5-Trichlorophenol | 250 | U | 5.7 | 250 |
| 2,4,6-Trichlorophenol | 50 | U | 4.5 | 50 |
| Benzyl alcohol | 50 | U | 6.0 | 50 |
| 4-Nitroaniline | 100 | U | 4.2 | 100 |
| 2,2'-oxybis[1-chloropropane] | 50 | U | 4.5 | 50 |

| Surrogate | %Rec | Acceptance Limits |
|---|---|---|
| 2-Fluorobiphenyl | 73 | 43 - 116 |
| 2-Fluorophenol | 34 | 21 - 97 |
| 2,4,6-Tribromophenol | 78 | 29 - 126 |
| Nitrobenzene-d5 | 63 | 38 - 113 |
| Phenol-d5 | 26 | 18 - 97 |
| Terphenyl-d14 | 84 | 10 - 119 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID: NRG-4**

Lab Sample ID: 220-1072-1
Client Matrix: Water

Date Sampled: 03/14/2007 1435
Date Received: 03/15/2007 0950

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/22/2007 1628
Date Prepared: 03/20/2007 1333

Analysis Batch: 220-4508
Prep Batch: 220-4402

Instrument ID: TJA Trace ICAP
Lab File ID: W032207
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 9.3 | J | 4.0 | 25 |
| Cadmium | 6.6 | J | 0.76 | 10 |
| Chromium | 44 | | 2.0 | 10 |
| Lead | 210 | J | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 0.97 | J | 0.73 | 5.0 |
| Barium | 120 | | 0.38 | 5.0 |

aem 6/18/07

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/23/2007 1158
Date Prepared: 03/21/2007 1156

Analysis Batch: 220-4519
Prep Batch: 220-4428

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID: NRG-3**

Lab Sample ID: 220-1072-2
Client Matrix: Water

Date Sampled: 03/14/2007 1455
Date Received: 03/15/2007 0950

## 6010B Inductively Coupled Plasma - Atomic Emission Spectrometry

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/22/2007 1632
Date Prepared: 03/20/2007 1333

Analysis Batch: 220-4508
Prep Batch: 220-4402

Instrument ID: TJA Trace ICAP
Lab File ID: W032207
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 10 | J | 4.0 | 25 |
| Cadmium | 8.5 | J | 0.76 | 10 |
| Chromium | 42 | | 2.0 | 10 |
| Lead | 350 | J | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 1.4 | J | 0.73 | 5.0 |
| Barium | 73 | | 0.38 | 5.0 |

AKM 6/18/07

## 7470A Mercury in Liquid Waste (Manual Cold Vapor Technique)

Method: 7470A
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/23/2007 1159
Date Prepared: 03/21/2007 1156

Analysis Batch: 220-4519
Prep Batch: 220-4428

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.15 | J | 0.070 | 0.20 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID: NRG-4**

Lab Sample ID: 220-1072-3
Client Matrix: Water

Date Sampled: 03/14/2007 1435
Date Received: 03/15/2007 0950

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/22/2007 1642
Date Prepared: 03/20/2007 1333

Analysis Batch: 220-4508
Prep Batch: 220-4402

Instrument ID: TJA Trace ICAP
Lab File ID: W032207
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 25 | U | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U J | 3.0 | 5.0 |
| Selenium | 30 | U J | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 14 | | 0.38 | 5.0 |

aum 6/18/07

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/23/2007 1159
Date Prepared: 03/21/2007 1156

Analysis Batch: 220-4519
Prep Batch: 220-4428

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

# Analytical Data

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

**Client Sample ID: NRG-3**

Lab Sample ID: 220-1072-4
Client Matrix: Water

Date Sampled: 03/14/2007 1455
Date Received: 03/15/2007 0950

## 6010B Dissolved Metals-Dissolved

Method: 6010B
Preparation: 3010A
Dilution: 1.0
Date Analyzed: 03/22/2007 1656
Date Prepared: 03/20/2007 1333

Analysis Batch: 220-4508
Prep Batch: 220-4402

Instrument ID: TJA Trace ICAP
Lab File ID: W032207
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Arsenic | 5.9 | J | 4.0 | 25 |
| Cadmium | 10 | U | 0.76 | 10 |
| Chromium | 10 | U | 2.0 | 10 |
| Lead | 5.0 | U UJ | 3.0 | 5.0 |
| Selenium | 30 | U UJ | 7.5 | 30 |
| Silver | 5.0 | U | 0.73 | 5.0 |
| Barium | 17 | | 0.38 | 5.0 |

aem 6/18/07

## 7470 Dissolved Mercury-Dissolved

Method: 7470
Preparation: 7470A
Dilution: 1.0
Date Analyzed: 03/23/2007 1200
Date Prepared: 03/21/2007 1156

Analysis Batch: 220-4519
Prep Batch: 220-4428

Instrument ID: Perkin Elmer FIMS
Lab File ID: N/A
Initial Weight/Volume: 25 mL
Final Weight/Volume: 50 mL

| Analyte | Result (ug/L) | Qualifier | MDL | RL |
|---|---|---|---|---|
| Hg | 0.20 | U | 0.070 | 0.20 |

Client: Natural Resource Group, Inc.

Job Number: 220-1072-1
Sdg Number: 220-1072

## General Chemistry

**Client Sample ID:** **NRG-4**

Lab Sample ID: 220-1072-1
Client Matrix: Water

Date Sampled: 03/14/2007 1435
Date Received: 03/15/2007 0950

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 | U | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4567 Date Analyzed 03/26/2007 1340
Prep Batch: 220-4542 Date Prepared: 03/23/2007 1202

**Client Sample ID:** **NRG-3**

Lab Sample ID: 220-1072-2
Client Matrix: Water

Date Sampled: 03/14/2007 1455
Date Received: 03/15/2007 0950

| Analyte | Result | Qual | Units | MDL | RL | Dil | Method |
|---|---|---|---|---|---|---|---|
| Cyanide, Total | 10 | U | ug/L | 1.3 | 10 | 1.0 | 9012B |

Anly Batch: 220-4567 Date Analyzed 03/26/2007 1343
Prep Batch: 220-4542 Date Prepared: 03/23/2007 1202