



HALL  
ENVIRONMENTAL  
ANALYSIS  
LABORATORY

## COVER LETTER

November 08, 2005

Mike Bratcher  
NMOCD District II  
1301 W Grand Ave  
Artesia, NM 88210  
TEL: (505) 748-1283  
FAX (505) 748-9720

RE: Sandlott Batterys

Order No.: 0510228

Dear Mike Bratcher:

Hall Environmental Analysis Laboratory received 7 samples on 10/21/2005 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager  
Nancy McDuffie, Laboratory Manager



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**Jackie Brewer D/B/A**  
**Sandlott Energy**  
**De Novo Case 14074**  
**OCD Exhibit No. 19**

**Hall Environmental Analysis Laboratory**

Date: 08-Nov-05

CLIENT: NMOCD District II  
Project: Sandlot Batterys  
Lab Order: 0510228

**CASE NARRATIVE**

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"S" flags denote that the surrogate was not recoverable due to sample dilution or matrix interferences.

# Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: NMOCD District II  
Lab Order: 0510228  
Project: Sandlott Batterys  
Lab ID: 0510228-01

Client Sample ID: #1  
Collection Date: 10/20/2005 9:30:00 AM  
Matrix: SOIL

| Analyses                                | Result | PQL      | Qual | Units | DF  | Date Analyzed                         |
|-----------------------------------------|--------|----------|------|-------|-----|---------------------------------------|
| EPA METHOD 9056A: ANIONS                |        |          |      |       |     |                                       |
| Chloride                                | 16000  | 150      |      | mg/kg | 500 | Analyst: MAP<br>11/1/2005             |
| EPA METHOD 8015B: DIESEL RANGE ORGANICS |        |          |      |       |     |                                       |
| Diesel Range Organics (DRO)             | 16000  | 1000     |      | mg/Kg | 100 | Analyst: SCC<br>11/5/2005 1:14:08 AM  |
| Motor Oil Range Organics (MRO)          | 9400   | 5000     |      | mg/Kg | 100 | 11/5/2005 1:14:08 AM                  |
| Surr: DNOP                              | 0      | 60-124   | S    | %REC  | 100 | 11/5/2005 1:14:08 AM                  |
| EPA METHOD 8015B: GASOLINE RANGE        |        |          |      |       |     |                                       |
| Gasoline Range Organics (GRO)           | ND     | 50       |      | mg/Kg | 10  | Analyst: NSB<br>10/28/2005 8:17:25 PM |
| Surr: BFB                               | 114    | 83.1-124 |      | %REC  | 10  | 10/28/2005 8:17:25 PM                 |
| EPA METHOD 8021B: VOLATILES             |        |          |      |       |     |                                       |
| Benzene                                 | ND     | 0.25     |      | mg/Kg | 10  | Analyst: NSB<br>10/28/2005 8:17:25 PM |
| Toluene                                 | ND     | 0.25     |      | mg/Kg | 10  | 10/28/2005 8:17:25 PM                 |
| Ethylbenzene                            | ND     | 0.25     |      | mg/Kg | 10  | 10/28/2005 8:17:25 PM                 |
| Xylenes, Total                          | 0.65   | 0.25     |      | mg/Kg | 10  | 10/28/2005 8:17:25 PM                 |
| Surr: 4-Bromofluorobenzene              | 106    | 87.5-115 |      | %REC  | 10  | 10/28/2005 8:17:25 PM                 |

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: NMOC District II

Client Sample ID: #2

Lab Order: 0510228

Collection Date: 10/20/2005 9:55:00 AM

Project: Sandlott Batterys

Lab ID: 0510228-02

Matrix: SOIL

| Analyses                                | Result | PQL      | Qual | Units | DF  | Date Analyzed                         |
|-----------------------------------------|--------|----------|------|-------|-----|---------------------------------------|
| EPA METHOD 9056A: ANIONS                |        |          |      |       |     |                                       |
| Chloride                                | 8000   | 30       |      | mg/kg | 100 | Analyst: MAP<br>10/31/2005            |
| EPA METHOD 8015B: DIESEL RANGE ORGANICS |        |          |      |       |     |                                       |
| Diesel Range Organics (DRO)             | 22000  | 1000     |      | mg/Kg | 100 | Analyst: SCC<br>11/5/2005 1:46:35 AM  |
| Motor Oil Range Organics (MRO)          | 10000  | 5000     |      | mg/Kg | 100 | 11/5/2005 1:46:35 AM                  |
| Surr: DNOP                              | 0      | 60-124   | S    | %REC  | 100 | 11/5/2005 1:46:35 AM                  |
| EPA METHOD 8015B: GASOLINE RANGE        |        |          |      |       |     |                                       |
| Gasoline Range Organics (GRO)           | ND     | 100      |      | mg/Kg | 20  | Analyst: NSB<br>10/28/2005 8:48:42 PM |
| Surr: BFB                               | 110    | 83.1-124 |      | %REC  | 20  | 10/28/2005 8:48:42 PM                 |
| EPA METHOD 8021B: VOLATILES             |        |          |      |       |     |                                       |
| Benzene                                 | ND     | 0.50     |      | mg/Kg | 20  | Analyst: NSB<br>10/28/2005 8:48:42 PM |
| Toluene                                 | 1.2    | 0.50     |      | mg/Kg | 20  | 10/28/2005 8:48:42 PM                 |
| Ethylbenzene                            | 2.3    | 0.50     |      | mg/Kg | 20  | 10/28/2005 8:48:42 PM                 |
| Xylenes, Total                          | 4.1    | 0.50     |      | mg/Kg | 20  | 10/28/2005 8:48:42 PM                 |
| Surr: 4-Bromofluorobenzene              | 107    | 87.5-115 |      | %REC  | 20  | 10/28/2005 8:48:42 PM                 |

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: NMOCD District 11

Client Sample ID: #3

Lab Order: 0510228

Collection Date: 10/20/2005 10:25:00 AM

Project: Sandlott Battery

Lab ID: 0510228-03

Matrix: SOIL

| Analyses                                | Result | PQL      | Qual | Units | DF  | Date Analyzed                         |
|-----------------------------------------|--------|----------|------|-------|-----|---------------------------------------|
| EPA METHOD 9056A: ANIONS                |        |          |      |       |     |                                       |
| Chloride                                | 7000   | 30       |      | mg/kg | 100 | Analyst: MAP<br>10/31/2005            |
| EPA METHOD 8015B: DIESEL RANGE ORGANICS |        |          |      |       |     |                                       |
| Diesel Range Organics (DRO)             | 5600   | 1000     |      | mg/Kg | 100 | Analyst: SCC<br>11/5/2005 2:19:03 AM  |
| Motor Oil Range Organics (MRO)          | 6900   | 5000     |      | mg/Kg | 100 | 11/5/2005 2:19:03 AM                  |
| Surr: DNOP                              | 0      | 60-124   | S    | %REC  | 100 | 11/5/2005 2:19:03 AM                  |
| EPA METHOD 8015B: GASOLINE RANGE        |        |          |      |       |     |                                       |
| Gasoline Range Organics (GRO)           | ND     | 25       |      | mg/Kg | 5   | Analyst: NSB<br>10/28/2005 9:19:56 PM |
| Surr: BFB                               | 112    | 83.1-124 |      | %REC  | 5   | 10/28/2005 9:19:56 PM                 |
| EPA METHOD 8021B: VOLATILES             |        |          |      |       |     |                                       |
| Benzene                                 | ND     | 0.13     |      | mg/Kg | 5   | Analyst: NSB<br>10/28/2005 9:19:56 PM |
| Toluene                                 | ND     | 0.13     |      | mg/Kg | 5   | 10/28/2005 9:19:56 PM                 |
| Ethylbenzene                            | ND     | 0.13     |      | mg/Kg | 5   | 10/28/2005 9:19:56 PM                 |
| Xylenes, Total                          | ND     | 0.13     |      | mg/Kg | 5   | 10/28/2005 9:19:56 PM                 |
| Surr: 4-Bromofluorobenzene              | 106    | 87.5-115 |      | %REC  | 5   | 10/28/2005 9:19:56 PM                 |

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
B - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: NMOCD District II

Client Sample ID: #4

Lab Order: 0510228

Collection Date: 10/20/2005 10:45:00 AM

Project: Sandlott Batterys

Lab ID: 0510228-04

Matrix: SOIL

| Analyses                                | Result | PQL      | Qual | Units | DF  | Date Analyzed                         |
|-----------------------------------------|--------|----------|------|-------|-----|---------------------------------------|
| EPA METHOD 9056A: ANIONS                |        |          |      |       |     |                                       |
| Chloride                                | 8100   | 30       |      | mg/kg | 100 | Analyst: MAP<br>10/31/2005            |
| EPA METHOD 8015B: DIESEL RANGE ORGANICS |        |          |      |       |     |                                       |
| Diesel Range Organics (DRO)             | 12000  | 1000     |      | mg/Kg | 100 | Analyst: SCC<br>11/5/2005 2:51:31 AM  |
| Motor Oil Range Organics (MRO)          | 9900   | 5000     |      | mg/Kg | 100 | 11/5/2005 2:51:31 AM                  |
| Surr: DNOP                              | 0      | 60-124   | S    | %REC  | 100 | 11/5/2005 2:51:31 AM                  |
| EPA METHOD 8015B: GASOLINE RANGE        |        |          |      |       |     |                                       |
| Gasoline Range Organics (GRO)           | ND     | 25       |      | mg/Kg | 5   | Analyst: NSB<br>10/28/2005 9:51:24 PM |
| Surr: BFB                               | 106    | 83.1-124 |      | %REC  | 5   | 10/28/2005 9:51:24 PM                 |
| EPA METHOD 8021B: VOLATILES             |        |          |      |       |     |                                       |
| Benzene                                 | ND     | 0.13     |      | mg/Kg | 5   | Analyst: NSB<br>10/28/2005 9:51:24 PM |
| Toluene                                 | ND     | 0.13     |      | mg/Kg | 5   | 10/28/2005 9:51:24 PM                 |
| Ethylbenzene                            | ND     | 0.13     |      | mg/Kg | 5   | 10/28/2005 9:51:24 PM                 |
| Xylenes, Total                          | ND     | 0.13     |      | mg/Kg | 5   | 10/28/2005 9:51:24 PM                 |
| Surr: 4-Bromofluorobenzene              | 105    | 87.5-115 |      | %REC  | 5   | 10/28/2005 9:51:24 PM                 |

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: NMOCD District II

Client Sample ID: #5

Lab Order: 0510228

Collection Date: 10/20/2005 11:05:00 AM

Project: Sandlott Batterys

Lab ID: 0510228-05

Matrix: SOIL

| Analyses                                | Result | PQL      | Qual | Units | DF  | Date Analyzed                          |
|-----------------------------------------|--------|----------|------|-------|-----|----------------------------------------|
| EPA METHOD 9056A: ANIONS                |        |          |      |       |     |                                        |
| Chloride                                | 3000   | 15       |      | mg/kg | 50  | Analyst: MAP<br>10/31/2005             |
| EPA METHOD 8015B: DIESEL RANGE ORGANICS |        |          |      |       |     |                                        |
| Diesel Range Organics (DRO)             | 5700   | 1000     |      | mg/Kg | 100 | Analyst: SCC<br>11/5/2005 3:24:01 AM   |
| Motor Oil Range Organics (MRO)          | 6000   | 5000     |      | mg/Kg | 100 | 11/5/2005 3:24:01 AM                   |
| Surr: DNOP                              | 0      | 60-124   | S    | %REC  | 100 | 11/5/2005 3:24:01 AM                   |
| EPA METHOD 8015B: GASOLINE RANGE        |        |          |      |       |     |                                        |
| Gasoline Range Organics (GRO)           | ND     | 10       |      | mg/Kg | 2   | Analyst: NSB<br>10/28/2005 10:22:37 PM |
| Surr: BFB                               | 108    | 83.1-124 |      | %REC  | 2   | 10/28/2005 10:22:37 PM                 |
| EPA METHOD 8021B: VOLATILES             |        |          |      |       |     |                                        |
| Benzene                                 | ND     | 0.050    |      | mg/Kg | 2   | Analyst: NSB<br>10/28/2005 10:22:37 PM |
| Toluene                                 | ND     | 0.050    |      | mg/Kg | 2   | 10/28/2005 10:22:37 PM                 |
| Ethylbenzene                            | ND     | 0.050    |      | mg/Kg | 2   | 10/28/2005 10:22:37 PM                 |
| Xylenes, Total                          | ND     | 0.050    |      | mg/Kg | 2   | 10/28/2005 10:22:37 PM                 |
| Surr: 4-Bromofluorobenzene              | 107    | 87.5-115 |      | %REC  | 2   | 10/28/2005 10:22:37 PM                 |

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: NMOCD District II

Client Sample ID: #6

Lab Order: 0510228

Collection Date: 10/20/2005 11:50:00 AM

Project: Sandlott Battery

Lab ID: 0510228-06

Matrix: SOIL

| Analyses                                | Result | PQL      | Qual | Units | DF  | Date Analyzed                          |
|-----------------------------------------|--------|----------|------|-------|-----|----------------------------------------|
| EPA METHOD 9055A: ANIONS                |        |          |      |       |     |                                        |
| Chloride                                | 2000   | 6.0      |      | mg/kg | 20  | Analyst: MAP<br>10/28/2005             |
| EPA METHOD 8015B: DIESEL RANGE ORGANICS |        |          |      |       |     |                                        |
| Diesel Range Organics (DRO)             | 21000  | 1000     |      | mg/Kg | 100 | Analyst: SCC<br>11/5/2005 3:56:29 AM   |
| Motor Oil Range Organics (MRO)          | 12000  | 5000     |      | mg/Kg | 100 | 11/5/2005 3:56:29 AM                   |
| Surr: DNOP                              | 0      | 60-124   | S    | %REC  | 100 | 11/5/2005 3:56:29 AM                   |
| EPA METHOD 8015B: GASOLINE RANGE        |        |          |      |       |     |                                        |
| Gasoline Range Organics (GRO)           | ND     | 100      |      | mg/Kg | 20  | Analyst: NSB<br>10/28/2005 11:25:19 PM |
| Surr: BFB                               | 115    | 83.1-124 |      | %REC  | 20  | 10/28/2005 11:25:19 PM                 |
| EPA METHOD 8021B: VOLATILES             |        |          |      |       |     |                                        |
| Benzene                                 | ND     | 0.50     |      | mg/Kg | 20  | Analyst: NSB<br>10/28/2005 11:25:19 PM |
| Toluene                                 | ND     | 0.50     |      | mg/Kg | 20  | 10/28/2005 11:25:19 PM                 |
| Ethylbenzene                            | 1.0    | 0.50     |      | mg/Kg | 20  | 10/28/2005 11:25:19 PM                 |
| Xylenes, Total                          | 2.3    | 0.50     |      | mg/Kg | 20  | 10/28/2005 11:25:19 PM                 |
| Surr: 4-Bromofluorobenzene              | 109    | 87.5-115 |      | %REC  | 20  | 10/28/2005 11:25:19 PM                 |

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
R - Analyte detected in the associated Method Blank  
\* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits  
E - Value above quantitation range



# Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: NMOCD District II

Client Sample ID: #7

Lab Order: 0510228

Collection Date: 10/20/2005 12:25:00 PM

Project: Sandlott Battery

Lab ID: 0510228-07

Matrix: SOIL

| Analyses                                       | Result | PQL      | Qual | Units | DF  | Date Analyzed                          |
|------------------------------------------------|--------|----------|------|-------|-----|----------------------------------------|
| <b>EPA METHOD 9056A: ANIONS</b>                |        |          |      |       |     |                                        |
| Chloride                                       | 9200   | 30       |      | mg/kg | 100 | Analyst: MAP<br>10/31/2005             |
| <b>EPA METHOD 8015B: DIESEL RANGE ORGANICS</b> |        |          |      |       |     |                                        |
| Diesel Range Organics (DRO)                    | 20000  | 1000     |      | mg/Kg | 100 | Analyst: SCC<br>11/5/2005 4:28:56 AM   |
| Motor Oil Range Organics (MRO)                 | 12000  | 5000     |      | mg/Kg | 100 | 11/5/2005 4:28:56 AM                   |
| Surr: DNOP                                     | 0      | 60-124   | S    | %REC  | 100 | 11/5/2005 4:28:56 AM                   |
| <b>EPA METHOD 8015B: GASOLINE RANGE</b>        |        |          |      |       |     |                                        |
| Gasoline Range Organics (GRO)                  | ND     | 50       |      | mg/Kg | 10  | Analyst: NSB<br>10/28/2005 11:56:37 PM |
| Surr: BFB                                      | 114    | 83.1-124 |      | %REC  | 10  | 10/28/2005 11:56:37 PM                 |
| <b>EPA METHOD 8021B: VOLATILES</b>             |        |          |      |       |     |                                        |
| Benzene                                        | ND     | 0.25     |      | mg/Kg | 10  | Analyst: NSB<br>10/28/2005 11:56:37 PM |
| Toluene                                        | 0.36   | 0.25     |      | mg/Kg | 10  | 10/28/2005 11:56:37 PM                 |
| Ethylbenzene                                   | 0.43   | 0.25     |      | mg/Kg | 10  | 10/28/2005 11:56:37 PM                 |
| Xylenes, Total                                 | 1.4    | 0.25     |      | mg/Kg | 10  | 10/28/2005 11:56:37 PM                 |
| Surr: 4-Bromofluorobenzene                     | 106    | 87.5-115 |      | %REC  | 10  | 10/28/2005 11:56:37 PM                 |

## Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

L - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 08-Nov-05

## QC SUMMARY REPORT

Method Blank

CLIENT: NMOCD District II  
Work Order: 0510228  
Project: Sandlot Batterys

|            |         |          |            |           |           |             |       |               |            |             |                |
|------------|---------|----------|------------|-----------|-----------|-------------|-------|---------------|------------|-------------|----------------|
| Sample ID  | MB-9072 | Batch ID | 9072       | Test Code | E300      | Units       | mg/Kg | Analysis Date | 10/28/2005 | Prep Date   | 10/28/2005     |
| Client ID: |         | Run ID:  | LC_051028A |           |           |             |       | SeqNo:        | 418393     |             |                |
| Analyte    |         | Result   |            | PQL       | SPK value | SPK Ref Val | %REC  | LowLimit      | HighLimit  | RPD Ref Val | RPD Limit Qual |
| Chloride   |         | ND       |            | 0.3       |           |             |       |               |            |             |                |

|                                |         |          |                    |           |           |             |       |               |                      |             |                |
|--------------------------------|---------|----------|--------------------|-----------|-----------|-------------|-------|---------------|----------------------|-------------|----------------|
| Sample ID                      | MB-9063 | Batch ID | 9063               | Test Code | SW8015    | Units       | mg/Kg | Analysis Date | 11/2/2005 9:04:45 PM | Prep Date   | 10/27/2005     |
| Client ID:                     |         | Run ID:  | FID(17A) 2_051102A |           |           |             |       | SeqNo:        | 418145               |             |                |
| Analyte                        |         | Result   |                    | PQL       | SPK value | SPK Ref Val | %REC  | LowLimit      | HighLimit            | RPD Ref Val | RPD Limit Qual |
| Diesel Range Organics (DRO)    |         | ND       |                    | 10        |           |             |       |               |                      |             |                |
| Motor Oil Range Organics (MRO) |         | ND       |                    | 50        |           |             |       |               |                      |             |                |
| Surr: DNOP                     |         | 12.29    |                    | 0         | 10        | 0           | 123   | 60            | 124                  | 0           |                |

|                               |         |          |                |           |           |             |       |               |                       |             |                |
|-------------------------------|---------|----------|----------------|-----------|-----------|-------------|-------|---------------|-----------------------|-------------|----------------|
| Sample ID                     | mb-9032 | Batch ID | 9032           | Test Code | SW8015    | Units       | mg/Kg | Analysis Date | 10/27/2005 7:42:33 PM | Prep Date   | 10/24/2005     |
| Client ID:                    |         | Run ID:  | PIDFID_051027A |           |           |             |       | SeqNo:        | 415763                |             |                |
| Analyte                       |         | Result   |                | PQL       | SPK value | SPK Ref Val | %REC  | LowLimit      | HighLimit             | RPD Ref Val | RPD Limit Qual |
| Gasoline Range Organics (GRO) |         | ND       |                | 5         |           |             |       |               |                       |             |                |
| Surr: BFB                     |         | 1063     |                | 0         | 1000      | 0           | 106   | 83.1          | 124                   | 0           |                |

|                            |         |          |                |           |           |             |       |               |                       |             |                |
|----------------------------|---------|----------|----------------|-----------|-----------|-------------|-------|---------------|-----------------------|-------------|----------------|
| Sample ID                  | mb-9032 | Batch ID | 9032           | Test Code | SW8021    | Units       | mg/Kg | Analysis Date | 10/27/2005 7:42:33 PM | Prep Date   | 10/24/2005     |
| Client ID:                 |         | Run ID:  | PIDFID_051027A |           |           |             |       | SeqNo:        | 415721                |             |                |
| Analyte                    |         | Result   |                | PQL       | SPK value | SPK Ref Val | %REC  | LowLimit      | HighLimit             | RPD Ref Val | RPD Limit Qual |
| Benzene                    |         | ND       |                | 0.025     |           |             |       |               |                       |             |                |
| Toluene                    |         | ND       |                | 0.025     |           |             |       |               |                       |             |                |
| Ethylbenzene               |         | ND       |                | 0.025     |           |             |       |               |                       |             |                |
| Xylenes, Total             |         | ND       |                | 0.025     |           |             |       |               |                       |             |                |
| Surr: 4-Bromofluorobenzene |         | 1.023    |                | 0         | 1         | 0           | 102   | 87.5          | 115                   | 0           |                |

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits  
S - Spike Recovery outside accepted recovery limits  
B - Analyte detected in the associated Method Blank  
R - RPD outside accepted recovery limits

## Hall Environmental Analysis Laboratory

Date: 08-Nov-05

CLIENT: NMOCD District II  
 Work Order: 0510228  
 Project: Sandlett Batterys

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

| Sample ID                     | LCS-9072      | Batch ID: 9072 | Test Code: E300            | Units: mg/kg | Analysis Date | 10/28/2005            | Prep Date | 10/28/2005  |
|-------------------------------|---------------|----------------|----------------------------|--------------|---------------|-----------------------|-----------|-------------|
| Client ID:                    |               |                | Run ID: LC_051028A         |              | SeqNo: 416395 |                       |           |             |
| Analyte                       | Result        | POL            | SPK value                  | SPK Ref Val  | %REC          | LowLimit              | HighLimit | RPD Ref Val |
| Chloride                      | 14.12         | -0.3           | 15                         | 0            | 94.1          | 90                    | 110       | 0           |
|                               |               |                |                            |              | %RPD          | RPDLimit              | Qual      |             |
| Sample ID                     | LCS-9063      | Batch ID: 9063 | Test Code: SW8015          | Units: mg/Kg | Analysis Date | 11/2/2005 9:36:59 PM  | Prep Date | 10/27/2005  |
| Client ID:                    |               |                | Run ID: FID(17A) 2_051102A |              | SeqNo: 418148 |                       |           |             |
| Analyte                       | Result        | POL            | SPK value                  | SPK Ref Val  | %REC          | LowLimit              | HighLimit | RPD Ref Val |
| Diesel Range Organics (DRO)   | 42.13         | 10             | 50                         | 0            | 84.3          | 67.4                  | 117       | 0           |
|                               |               |                |                            |              | %RPD          | RPDLimit              | Qual      |             |
| Sample ID                     | LCS-9063      | Batch ID: 9063 | Test Code: SW8015          | Units: mg/Kg | Analysis Date | 11/2/2005 10:09:12 PM | Prep Date | 10/27/2005  |
| Client ID:                    |               |                | Run ID: FID(17A) 2_051102A |              | SeqNo: 418147 |                       |           |             |
| Analyte                       | Result        | POL            | SPK value                  | SPK Ref Val  | %REC          | LowLimit              | HighLimit | RPD Ref Val |
| Diesel Range Organics (DRO)   | 45.34         | 10             | 50                         | 0            | 90.7          | 67.4                  | 117       | 42.13       |
|                               |               |                |                            |              | %RPD          | RPDLimit              | Qual      | 17.4        |
| Sample ID                     | ics-9032      | Batch ID: 9032 | Test Code: SW8015          | Units: mg/Kg | Analysis Date | 10/27/2005 8:13:48 PM | Prep Date | 10/24/2005  |
| Client ID:                    |               |                | Run ID: PIDFID_051027A     |              | SeqNo: 415767 |                       |           |             |
| Analyte                       | Result        | POL            | SPK value                  | SPK Ref Val  | %REC          | LowLimit              | HighLimit | RPD Ref Val |
| Gasoline Range Organics (GRO) | 25.16         | 5              | 25                         | 0            | 101           | 84                    | 120       | 0           |
|                               |               |                |                            |              | %RPD          | RPDLimit              | Qual      |             |
| Sample ID                     | GRO Ics 2.5ug | Batch ID: 9032 | Test Code: SW8015          | Units: mg/Kg | Analysis Date | 10/28/2005 6:12:54 PM | Prep Date |             |
| Client ID:                    |               |                | Run ID: PIDFID_051028A     |              | SeqNo: 416523 |                       |           |             |
| Analyte                       | Result        | POL            | SPK value                  | SPK Ref Val  | %REC          | LowLimit              | HighLimit | RPD Ref Val |
| Gasoline Range Organics (GRO) | 25.09         | 5              | 25                         | 0            | 100           | 84                    | 120       | 0           |
|                               |               |                |                            |              | %RPD          | RPDLimit              | Qual      |             |

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 /

CLIENT: NMOCD District II  
 Work Order: 0510228  
 Project: Sandiott Batterys

# QC SUMMARY REPORT

Laboratory Control Spike - generic

| Sample ID      | Ics-9032 | Batch ID | 9032      | Test Code   | SW8021         | Units    | mg/Kg     | Analysis Date | 10/27/2005 8:13:48 PM | Prep Date | 10/24/2005 |
|----------------|----------|----------|-----------|-------------|----------------|----------|-----------|---------------|-----------------------|-----------|------------|
| Client ID:     |          |          |           | Run ID:     | PIDFID_051027A |          |           | SeqNo:        | 415725                |           |            |
| Analyte        | Result   | PQL      | SPK value | SPK Ref Val | %REC           | LowLimit | HighLimit | RPD Ref Val   | %RPD                  | RPDLimit  | Qual       |
| Benzene        | 0.4614   | 0.025    | 0.42      | 0           | 110            | 85.6     | 116       | 0             |                       |           |            |
| Toluene        | 2.012    | 0.025    | 1.9       | 0           | 106            | 82.4     | 120       | 0             |                       |           |            |
| Ethylbenzene   | 0.413    | 0.025    | 0.41      | 0           | 101            | 86.4     | 111       | 0             |                       |           |            |
| Xylenes, Total | 2.092    | 0.025    | 1.9       | 0           | 110            | 78.4     | 125       | 0             |                       |           |            |

| Sample ID      | BTEX Ics 100ng | Batch ID | 9032      | Test Code   | SW8021         | Units    | mg/Kg     | Analysis Date | 10/28/2005 7:15:07 PM | Prep Date |      |
|----------------|----------------|----------|-----------|-------------|----------------|----------|-----------|---------------|-----------------------|-----------|------|
| Client ID:     |                |          |           | Run ID:     | PIDFID_051028A |          |           | SeqNo:        | 415320                |           |      |
| Analyte        | Result         | PQL      | SPK value | SPK Ref Val | %REC           | LowLimit | HighLimit | RPD Ref Val   | %RPD                  | RPDLimit  | Qual |
| Benzene        | 1.033          | 0.025    | 1         | 0           | 103            | 85.6     | 115       | 0             |                       |           |      |
| Toluene        | 0.9623         | 0.025    | 1         | 0           | 96.2           | 82.4     | 120       | 0             |                       |           |      |
| Ethylbenzene   | 0.9865         | 0.025    | 1         | 0           | 98.7           | 86.4     | 111       | 0             |                       |           |      |
| Xylenes, Total | 1.997          | 0.025    | 2         | 0           | 99.8           | 78.4     | 125       | 0             |                       |           |      |

Qualifiers: NID - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank

## Hall Environmental Analysis Laboratory

## Sample Receipt Checklist

Client Name NMDCD

Date and Time Received:

10/21/2005

Work Order Number 0510228

Received by AT

Checklist completed by

Signature

Date

10/24/05

Matrix

Carrier name Greyhound

|                                                         |                                                            |                              |                                         |                                      |
|---------------------------------------------------------|------------------------------------------------------------|------------------------------|-----------------------------------------|--------------------------------------|
| Shipping container/cooler in good condition?            | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  | Not Present <input type="checkbox"/>    |                                      |
| Custody seals intact on shipping container/cooler?      | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  | Not Present <input type="checkbox"/>    | Not Shipped <input type="checkbox"/> |
| Custody seals intact on sample bottles?                 | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  | N/A <input type="checkbox"/>            |                                      |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  |                                         |                                      |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  |                                         |                                      |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  |                                         |                                      |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  |                                         |                                      |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  |                                         |                                      |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  |                                         |                                      |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/>                    | No <input type="checkbox"/>  |                                         |                                      |
| Water - VOA vials have zero headspace?                  | No VOA vials submitted <input checked="" type="checkbox"/> | Yes <input type="checkbox"/> | No <input type="checkbox"/>             |                                      |
| Water - pH acceptable upon receipt?                     | Yes <input type="checkbox"/>                               | No <input type="checkbox"/>  | N/A <input checked="" type="checkbox"/> |                                      |
| Container/Temp Blank temperature?                       | 7°                                                         | 4° C ± 2 Acceptable          |                                         | If given sufficient time to cool.    |

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding

Comments:

Corrective Action

GA/QC Package: ☐  
Std ☐ Level 4 ☐

| Std | Level 4 |
|-----|---------|
| 1   | 1       |
| 2   | 2       |
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| 98  | 98      |
| 99  | 99      |
| 100 | 100     |

Amoeb

Sandlot Batterys

1301 W. Grand Ave.

Project #:

Project Manager:

Mike Bratcher

505-748-1283

Sampler:

Mike Snatcher / Chris Bealle

505-748-9720

Sample Temperature:

1

[illegible]