L0310965069-Cook County
Interlake Property
ILD000810432
SF/HRS

# CERCLA
# Expanded Site Inspection Analytical Results

Illinois Environmental Protection Agency

2200 Churchill Road
P. O. Box 19276
Springfield, IL 62794-9276

EPA Region 5 Records Ctr.
339093

Printed on Recycled Paper

FedEx USA Airbill — FedEx Tracking Number 809216101827 — Form ID No. 0200 — Sender's Copy

**1 From** (please print and press hard)

Date 7/29/99 — Sender's FedEx Account Number 0627 0011 4

Sender's Name MARK DENSMORE — Phone (217) 785-8725

Company IEPA

Address 1021 NORTH GRAND AVE. EAST — Dept./Floor/Suite/Room

City SPRINGFIELD — State IL — ZIP 62794

**2** Your Internal Billing Reference Information (Optional) (First 24 characters will appear on invoice) PR 44 000

**3 To** (please print and press hard)

Recipient's Name STEVE MUIR — Phone (217) 333-6907

Company IEPA LABORATORY - INORGANICS

Address 2125 SO. FIRST ST. — Check here if residence (Extra charge applies for FedEx Express Saver)

(To "HOLD" at FedEx location, print FedEx address here) (No Delivery to P.O. Boxes or P.O. ZIP Codes) — Dept./Floor/Suite/Room

City CHAMPAIGN — State IL — ZIP 61820

For HOLD at FedEx Location check here: Hold Weekday (Not available with FedEx First Overnight); Hold Saturday (Not available at all locations) (Available for FedEx Priority Overnight and FedEx 2Day only)

For WEEKEND Delivery check here (Extra charge. Not available to all locations): Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day only); NEW Sunday Delivery (Available for FedEx Priority Overnight only)

**Service Conditions, Declared Value, and Limit of Liability** – By using this Airbill, you agree to the service conditions in our current Service Guide or U.S. Government Service Guide. Both are available on request. SEE BACK OF SENDER'S COPY OF THIS AIRBILL FOR INFORMATION AND ADDITIONAL TERMS. We will not be responsible for any claim in excess of $100 per package whether the result of loss, damage, or delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of $100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is $500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

**4a Express Package Service** *Packages under 150 lbs.* — Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight (Next business morning)
- [ ] FedEx Standard Overnight (Next business afternoon)
- [ ] FedEx First Overnight (Earliest next business morning delivery to select locations)
- [ ] FedEx 2Day (Second business day)
- [ ] FedEx Express Saver (Third business day)

FedEx Letter Rate not available. Minimum charge: One pound rate.

**4b Express Freight Service** *Packages over 150 lbs.* — Delivery commitment may be later in some areas.

- [ ] FedEx Overnight Freight (Next business day)
- [ ] FedEx 2Day Freight (Second business day)
- [ ] FedEx Express Saver Freight (Up to 3 business days)

(Call for delivery schedule. See back for detailed descriptions of freight services.)

**5 Packaging** — [ ] FedEx Letter [ ] FedEx Pak (Declared value limit $500) [ ] FedEx Box [ ] FedEx Tube [x] Other Pkg.

**6 Special Handling** — (One box must be checked)

Does this shipment contain dangerous goods?* [ ] No [ ] Yes (Shipper's Declaration not required) [ ] Yes (Shipper's Declaration required)

[ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg. [ ] Cargo Aircraft Only

*Dangerous Goods cannot be shipped in FedEx packaging.

**7 Payment** — Bill to: [x] Sender (Account No. in Section 1 will be billed) [ ] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check

(Enter FedEx Account No. or Credit Card No. below)

FedEx Account No.

Credit Card No. — Exp. Date

| Total Packages | Total Weight | Total Declared Value* | Total Charges |
|---|---|---|---|
| 1 | 42 | $ .00 | $ |

*When declaring a value higher than $100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.

**8 Release Signature** — Sign to authorize delivery without obtaining signature

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

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**Questions?**
**Call 1·800·Go·FedEx** (800)463-3339

*The World On Time*

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FedEx USA Airbill — FedEx Tracking Number 809216101860 — Form ID No. 0200 — Sender's Copy

**1 From** (please print and press hard)

Date 7/29 — Sender's FedEx Account Number 0627 0011-4

Sender's Name MARK DENSMORE — Phone (217) 785-8725

Company IEPA

Address 1021 NORTH GRAND AVE. EAST — Dept./Floor/Suite/Room

City SPRINGFIELD — State IL — ZIP 62794

**2** Your Internal Billing Reference Information (Optional) (First 24 characters will appear on invoice) PR 44 000

**3 To** (please print and press hard)

Recipient's Name BILL SARGENT — Phone (312) 353-9083

Company USEPA CENTRAL REGION LAB

Address 536 S. CLARK ST. 10TH FLOOR — Check here if residence (Extra charge applies for FedEx Express Saver)

(To "HOLD" at FedEx location, print FedEx address here) (No Delivery to P.O. Boxes or P.O. ZIP Codes) — Dept./Floor/Suite/Room

City CHICAGO — State IL — ZIP 60605

For HOLD at FedEx Location check here: Hold Weekday (Not available with FedEx First Overnight); Hold Saturday (Not available at all locations) (Available for FedEx Priority Overnight and FedEx 2Day only)

For WEEKEND Delivery check here (Extra charge. Not available to all locations): Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day only); NEW Sunday Delivery (Available for FedEx Priority Overnight only)

**Service Conditions, Declared Value, and Limit of Liability** – By using this Airbill, you agree to the service conditions in our current Service Guide or U.S. Government Service Guide. Both are available on request. SEE BACK OF SENDER'S COPY OF THIS AIRBILL FOR INFORMATION AND ADDITIONAL TERMS. We will not be responsible for any claim in excess of $100 per package whether the result of loss, damage, or delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of $100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is $500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

**4a Express Package Service** *Packages under 150 lbs.* — Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight (Next business morning)
- [ ] FedEx Standard Overnight (Next business afternoon)
- [ ] FedEx First Overnight (Earliest next business morning delivery to select locations)
- [ ] FedEx 2Day (Second business day)
- [ ] FedEx Express Saver (Third business day)

FedEx Letter Rate not available. Minimum charge: One pound rate.

**4b Express Freight Service** *Packages over 150 lbs.* — Delivery commitment may be later in some areas.

- [ ] FedEx Overnight Freight (Next business day)
- [ ] FedEx 2Day Freight (Second business day)
- [ ] FedEx Express Saver Freight (Up to 3 business days)

(Call for delivery schedule. See back for detailed descriptions of freight services.)

**5 Packaging** — [ ] FedEx Letter [ ] FedEx Pak (Declared value limit $500) [ ] FedEx Box [ ] FedEx Tube [x] Other Pkg.

**6 Special Handling** — (One box must be checked)

Does this shipment contain dangerous goods?* [ ] No [ ] Yes (Shipper's Declaration not required) [ ] Yes (Shipper's Declaration required)

[ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg. [ ] Cargo Aircraft Only

*Dangerous Goods cannot be shipped in FedEx packaging.

**7 Payment** — Bill to: [x] Sender (Account No. in Section 1 will be billed) [ ] Recipient [ ] Third Party [ ] Credit Card [ ] Cash/Check

(Enter FedEx Account No. or Credit Card No. below)

FedEx Account No.

Credit Card No. — Exp. Date

| Total Packages | Total Weight | Total Declared Value* | Total Charges |
|---|---|---|---|
| 1 | 42 | $ .00 | $ |

*When declaring a value higher than $100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.

**8 Release Signature** — Sign to authorize delivery without obtaining signature

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

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**Questions?**
**Call 1·800·Go·FedEx** (800)463-3339

*The World On Time*

FedEx USA Airbill — FedEx Tracking Number 809216101850 — Form I.D. No. 0200 — Sender's Copy

**1 From** (please print and press hard)

Date _____ Sender's FedEx Account Number 0627 0011-4

Sender's Name MARK DENSMORE Phone (217) 785-8725

Company IEPA

Address 1021 NORTH GRAND AVE. EAST — Dept./Floor/Suite/Room

City SPRINGFIELD State IL ZIP 62794

**2** Your Internal Billing Reference Information (Optional) (First 24 characters will appear on invoice) PR 44000

**3 To** (please print and press hard)

Recipient's Name NANCY LE BLANC Phone (504) 753-8650

Company AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC

Address 11950 INDUSTRIPLEX BLVD. — Dept./Floor/Suite/Room

(To "HOLD" at FedEx location, print FedEx address here) (We cannot deliver to P.O. Boxes or P.O. ZIP Codes) ☐ Check here if residence (Extra charge applies for FedEx Express Saver)

City BATON ROUGE State LA ZIP 70809

For HOLD at FedEx Location check here: ☐ Hold Weekday (Not available with FedEx First Overnight) ☐ Hold Saturday (Not available at all locations) (Available for FedEx Priority Overnight and FedEx 2Day only)

For WEEKEND Delivery check here: ☐ Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day only) ☐ NEW Sunday Delivery (Available for FedEx Priority Overnight only) (Extra Charge. Not available to all locations)

Service Conditions, Declared Value, and Limit of Liability – By using this Airbill, you agree to the service conditions in our current Service Guide or U.S. Government Service Guide. Both are available on request. SEE BACK OF SENDER'S COPY OF THIS AIRBILL FOR INFORMATION AND ADDITIONAL TERMS. We will not be responsible for any claim in excess of $100 per package whether the result of loss, damage, or delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of $100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is $500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

**4a Express Package Service** *Packages under 150 lbs.* (Delivery commitment may be later in some areas)

☒ FedEx Priority Overnight (Next business morning) ☐ FedEx Standard Overnight (Next business afternoon) ☐ FedEx First Overnight (Earliest next business morning delivery to select locations)

☐ FedEx 2Day (Second business day) ☐ FedEx Express Saver (Third business day)

FedEx Letter Rate not available. Minimum charge: One pound rate.

**4b Express Freight Service** *Packages over 150 lbs.* (Delivery commitment may be later in some areas)

☐ FedEx Overnight Freight (Next business day) ☐ FedEx 2Day Freight (Second business day) ☐ FedEx Express Saver Freight (Up to 3 business days)

(Call for delivery schedule. See back for detailed descriptions of freight services.)

**5 Packaging** ☐ FedEx Letter ☐ FedEx Pak (Declared value limit $500) ☐ FedEx Box ☐ FedEx Tube ☒ Other Pkg.

**6 Special Handling** (One box must be checked)

Does this shipment contain dangerous goods?* ☐ No ☐ Yes (As per attached Shipper's Declaration) ☐ Yes (Shipper's Declaration not required)

☐ Dry Ice (Dry Ice, 9, UN 1845 ____ x ____ kg) ☐ Cargo Aircraft Only

*Dangerous Goods cannot be shipped in FedEx packaging.

**7 Payment**

Bill to: ☒ Sender (Account No. in Section 1 will be billed) ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

(Enter FedEx Account No. or Credit Card No. below)

FedEx Account No. _____

Credit Card No. _____ Exp. Date _____

| Total Packages | Total Weight | Total Declared Value* | Total Charges |
|---|---|---|---|
| 1 | 54 | $ .00 | $ |

*When declaring a value higher than $100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.

**8 Release Signature** (Sign to authorize delivery without obtaining signature)

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

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**Questions?**
**Call 1·800·Go·FedEx®** (800)463-3339

*The World On Time*

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FedEx USA Airbill — FedEx Tracking Number 812371951414 — Form I.D. No. 0200

**1 From** Please print and press hard.

Date 4/29/99 Sender's FedEx Account Number 0627 0011-4

Sender's Name Mark Densmore Phone (217) 785-8725

Company IEPA

Address 1021 N. Grand Ave East — Dept./Floor/Suite/Room

City Springfield State IL ZIP 62794

**2** Your Internal Billing Reference (First 24 characters will appear on invoice.)

**3 To**

Recipient's Name Nancy LeBlanc Phone (504) 753-8650

Company American Analytical Technical Services

Address 11950 Industriplex Blvd — Dept./Floor/Suite/Room

(We cannot deliver to P.O. boxes or P.O. ZIP codes.) (To "HOLD" at FedEx location, FedEx address here.)

City Baton Rouge State LA ZIP 70809

**4a Express Package Service** *Packages up to 150 lbs.* (Delivery commitment may be later in some areas)

☒ FedEx Priority Overnight (Next business morning) ☐ FedEx Standard Overnight (Next business afternoon) ☐ FedEx First Overnight (Earliest next business morning delivery to select locations)

☐ FedEx 2Day* (Second business day) ☐ FedEx Express Saver* (Third business day)

*FedEx Letter Rate not available. Minimum charge: One-pound rate.

**4b Express Freight Service** *Packages over 150 lbs.* (Delivery commitment may be later in some areas)

☐ FedEx 1Day Freight* (Next business day) ☐ FedEx 2Day Freight (Second business day) ☐ FedEx 3Day Freight (Third business day)

*Call for Confirmation: _____

**5 Packaging** (*Declared value limit $500)

☐ FedEx Letter* ☐ FedEx Pak* ☒ Other Pkg. (Includes FedEx Box, FedEx Tube, and customer pkg.)

**6 Special Handling**

☐ Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes) ☐ Sunday Delivery (Available for FedEx Priority Overnight to select ZIP codes) ☐ HOLD Weekday at FedEx Location (Not available with FedEx First Overnight) ☐ HOLD Saturday at FedEx Location (Available for FedEx Priority Overnight and FedEx 2Day to select locations)

Does this shipment contain dangerous goods? (One box must be checked.)

☐ No ☐ Yes (As per attached Shipper's Declaration) ☐ Yes (Shipper's Declaration not required) ☐ Dry Ice (Dry Ice, 9, UN 1845 ____ x ____ kg) ☐ Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

**7 Payment** Bill to: (Enter FedEx Acct. No. or Credit Card No. below)

☐ Sender (Acct. No. in Section 1 will be billed) ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

FedEx Acct. No. _____ Credit Card No. _____ Exp. Date _____

| Total Packages | Total Weight | Total Declared Value† | |
|---|---|---|---|
| 1 | 64 | $ .00 | FedEx Use Only |

†Our liability is limited to $100 unless you declare a higher value. See back for details.

**8 Release Signature** (Sign to authorize delivery without obtaining signature.)

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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**Questions? Call 1·800·Go·FedEx®** (800-463-3339)
**Visit our Web site at www.fedex.com**

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

**FedEx** USA Airbill FedEx Tracking Number 812371951425

Form I.D. No. 0200

1 From *Please print and press hard.*

Date 4-29-99 Sender's FedEx Account Number 0627 0011-4

Sender's ~~IEPA~~ Mark Denismore Phone (217) 785-8725

Company IEPA

Address 1021 N Grand Ave East

Dept./Floor/Suite/Room

City Springfield State IL ZIP 62794

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To
Recipient's Name Nancy Le Blanc Phone (504) 753-8650

Company American Analytical & Technical Service Inc

Address 11950 Industriplex Blvd.
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

To "HOLD" at FedEx location, print FedEx address here.

City Baton Rouge State LA ZIP 70809

**Questions? Call 1·800·Go·FedEx®** (800-463-3339)
**Visit our Web site at www.fedex.com**

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

4a Express Package Service — **Packages up to 150 lbs.** Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight Next business morning
- [ ] FedEx Standard Overnight Next business afternoon
- [ ] FedEx First Overnight Earliest next business morning delivery to select locations
- [ ] FedEx 2Day* Second business day
- [ ] FedEx Express Saver* Third business day

* FedEx Letter Rate not available. Minimum charge: One-pound rate

4b Express Freight Service — **Packages over 150 lbs.** Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* Next business day
- [ ] FedEx 2Day Freight Second business day
- [ ] FedEx 3Day Freight Third business day

* Call for Confirmation: _____

5 Packaging — * Declared value limit $500

- [ ] FedEx Letter*
- [ ] FedEx Pak*
- [x] Other Pkg. Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling

- [ ] **Saturday Delivery** Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] **Sunday Delivery** Available for FedEx Priority Overnight to select ZIP codes
- [ ] **HOLD Weekday** at FedEx Location Not available with FedEx First Overnight
- [ ] **HOLD Saturday** at FedEx Location Available for FedEx Priority Overnight and FedEx 2Day to select locations

**Does this shipment contain dangerous goods?**
One box must be checked.

- [x] No
- [ ] Yes As per attached Shipper's Declaration
- [ ] Yes Shipper's Declaration not required
- [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment **Bill to:** Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. Credit Card No. Exp. Date

| Total Packages | Total Weight | Total Declared Value* |
|---|---|---|
| 1 | 60 | $ .00 |

*Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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**FedEx** USA Airbill FedEx Tracking Number 812371951447

Form I.D. No. 0200

1 From *Please print and press hard.*

Date 4-29-99 Sender's FedEx Account Number 0627 0011-4

Sender's Name Mark Denismore Phone (217) 785-8725

Company IEPA

Address 1021 North Grand Ave East

Dept./Floor/Suite/Room

City Springfield State IL ZIP 62794

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To
Recipient's Name Nancy Le Blanc Phone (504) 753-8650

Company American Analytical & Technical Services Inc.

Address 11950 Industriplex Blvd.
We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

"HOLD" at FedEx location, FedEx address here.

City Baton Rouge State ~~IL~~ LA ZIP 70809

**Questions? Call 1·800·Go·FedEx®** (800-463-3339)
**Visit our Web site at www.fedex.com**

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

4a Express Package Service — **Packages up to 150 lbs.** Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight Next business morning
- [ ] FedEx Standard Overnight Next business afternoon
- [ ] FedEx First Overnight Earliest next business morning delivery to select locations
- [ ] FedEx 2Day* Second business day
- [ ] FedEx Express Saver* Third business day

* FedEx Letter Rate not available. Minimum charge: One-pound rate

4b Express Freight Service — **Packages over 150 lbs.** Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* Next business day
- [ ] FedEx 2Day Freight Second business day
- [ ] FedEx 3Day Freight Third business day

* Call for Confirmation: _____

5 Packaging — * Declared value limit $500

- [ ] FedEx Letter*
- [ ] FedEx Pak*
- [x] Other Pkg. Includes FedEx Box, FedEx Tube, and customer pkg.

6 Special Handling

- [ ] **Saturday Delivery** Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
- [ ] **Sunday Delivery** Available for FedEx Priority Overnight to select ZIP codes
- [ ] **HOLD Weekday** at FedEx Location Not available with FedEx First Overnight
- [ ] **HOLD Saturday** at FedEx Location Available for FedEx Priority Overnight and FedEx 2Day to select locations

**Does this shipment contain dangerous goods?**
One box must be checked.

- [x] No
- [ ] Yes As per attached Shipper's Declaration
- [ ] Yes Shipper's Declaration not required
- [ ] Dry Ice Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment **Bill to:** Enter FedEx Acct. No. or Credit Card No. below.

- [x] Sender Acct. No. in Section 1 will be billed.
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. Credit Card No. Exp. Date

| Total Packages | Total Weight | Total Declared Value* |
|---|---|---|
| 1 | 62 | $ .00 |

*Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining signature.*

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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**FedEx** USA Airbill FedEx Tracking Number 812371951436

Form I.D. No. 0200

1 From (Please print and press hard.)

Date 4/29/99 Sender's FedEx Account Number 0627 0011-4

Name Mark Densmore Phone (217) 785-8725

Company IEPA

Address 1021 N. Grand Ave East Dept./Floor/Suite/Room

City Springfield State IL ZIP 62794

2 Your Internal Billing Reference
First 24 characters will appear on invoice.

3 To
Recipient's Name Nancy LeBlanc Phone (504) 753-5650

Company American Analytical & Technical Services

Address 11950 Industriplex Blvd
We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

To "HOLD" at FedEx location, print FedEx address here.

City Baton Rouge State LA ZIP 70809

**Questions? Call 1·800·Go·FedEx®** (800-463-3339)
**Visit our Web site at www.fedex.com**

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

4a Express Package Service — *Packages up to 150 lbs.* Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight (Next business morning)
- [ ] FedEx Standard Overnight (Next business afternoon)
- [ ] FedEx First Overnight (Earliest next business morning delivery to select locations)
- [ ] FedEx 2Day* (Second business day)
- [ ] FedEx Express Saver* (Third business day)

* FedEx Letter Rate not available. Minimum charge: One-pound rate.

4b Express Freight Service — *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* (Next business day)
- [ ] FedEx 2Day Freight (Second business day)
- [ ] FedEx 3Day Freight (Third business day)

* Call for Confirmation: _____

5 Packaging — * Declared value limit $500

- [ ] FedEx Letter*
- [ ] FedEx Pak*
- [x] Other Pkg. (Includes FedEx Box, FedEx Tube, and customer pkg.)

6 Special Handling

- [ ] Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes)
- [ ] Sunday Delivery (Available for FedEx Priority Overnight to select ZIP codes)
- [ ] HOLD Weekday at FedEx Location (Not available with FedEx First Overnight)
- [ ] HOLD Saturday at FedEx Location (Available for FedEx Priority Overnight and FedEx 2Day to select locations)

Does this shipment contain dangerous goods? (One box must be checked.)

- [ ] No
- [ ] Yes (As per attached Shipper's Declaration)
- [ ] Yes (Shipper's Declaration not required)
- [ ] Dry Ice (Dry Ice, 9, UN 1845 ____ x ____ kg.)
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment Bill to: (Enter FedEx Acct. No. or Credit Card No. below.)

- [x] Sender (Acct. No. in Section 1 will be billed.)
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. ____ Exp. Date ____

| Total Packages | Total Weight | Total Declared Value† |
|---|---|---|
| | 01 | $ .00 |

†Our liability is limited to $100 unless you declare a higher value. See back for details.

FedEx Use Only

8 Release Signature — Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

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**FedEx** USA Airbill FedEx Tracking Number 809216101838

Form I.D. No. 0200 Sender's Copy

1 From (please print and press hard)

Date 4/29 Sender's FedEx Account Number 0627 0011-4

Sender's Name MARK DENSMORE Phone (217) 785-8725

Company IEPA

Address 1021 NORTH GRAND AVE. EAST Dept./Floor/Suite/Room

City SPRINGFIELD State IL ZIP 62794

2 Your Internal Billing Reference Information (Optional) (First 24 characters will appear on invoice) PR 44 001

3 To (please print and press hard)

Recipient's Name DEBORAH INMAN Phone (918) 251-0545

Company AMERICAN ANALYTICAL AND TECHNICAL SERVICES INC

Address 1700 WEST ALBANY, SUITE C Dept./Floor/Suite/Room

To "HOLD" at FedEx location, print FedEx address here. (We Cannot Deliver to P.O. Boxes or P.O. ZIP Codes)

- [ ] Check here if residence (Extra charge applies for FedEx Express Saver)

City BROKEN ARROW State OK ZIP 74012

For HOLD at FedEx Location check here

- [ ] Hold Weekday (Not available with FedEx First Overnight)
- [ ] Hold Saturday (Not available at all locations) (Available for FedEx Priority Overnight and FedEx 2Day only)

For WEEKEND Delivery check here (Extra Charge. Not available at all locations)

- [ ] Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day only)
- [ ] NEW Sunday Delivery (Available for FedEx Priority Overnight only)

4a Express Package Service — *Packages under 150 lbs.* Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight (Next business morning)
- [ ] FedEx Standard Overnight (Next business afternoon)
- [ ] FedEx First Overnight (Earliest next business morning delivery to select locations)
- [ ] FedEx 2Day (Second business day)
- [ ] FedEx Express Saver (Third business day)

FedEx Letter Rate not available. Minimum charge: One-pound rate.

4b Express Freight Service — *Packages over 150 lbs.* Delivery commitment may be later in some areas.

- [ ] FedEx Overnight Freight (Next business day)
- [ ] FedEx 2Day Freight (Second business day)
- [ ] FedEx Express Saver Freight (Up to 3 business days)

(Call for delivery schedule. See back for detailed descriptions of freight services.)

5 Packaging

- [ ] FedEx Letter
- [ ] FedEx Pak (Declared value limit $500.)
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other Pkg.

6 Special Handling

Does this shipment contain dangerous goods?* (One box must be checked.)

- [ ] No
- [ ] Yes (As per attached Shipper's Declaration)
- [ ] Yes (Shipper's Declaration not required)
- [ ] Dry Ice (Dry Ice, 9, UN 1845 ____ x ____ kg.)
- [ ] Cargo Aircraft Only

*Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment

Bill to:

- [x] Sender (Acct. No. in Section 1 will be billed)
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

(Enter FedEx Account No. or Credit Card No. below.)

FedEx Account No. ____

Credit Card No. ____ Exp. Date ____

| Total Packages | Total Weight | Total Declared Value* | Total Charges |
|---|---|---|---|
| | 50 | $ .00 | $ |

*When declaring a value higher than $100 per shipment, you pay an additional charge. See SERVICE CONDITIONS, DECLARED VALUE, AND LIMIT OF LIABILITY section for further information.

8 Release Signature

Your signature authorizes Federal Express to deliver this shipment without obtaining a signature and agrees to indemnify and hold harmless Federal Express from any resulting claims.

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Service Conditions, Declared Value, and Limit of Liability — By using this Airbill, you agree to the service conditions in our current Service Guide or U.S. Government Service Guide. Both are available on request. SEE BACK OF SENDER'S COPY OF THIS AIRBILL FOR INFORMATION AND ADDITIONAL TERMS. We will not be responsible for any claim in excess of $100 per package whether the result of loss, damage, or delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, and document your actual loss in a timely manner. Your right to recover from us for any loss includes intrinsic value of the package, loss of sales, interest, profit, attorney's fees, costs, and other forms of damage, whether direct, incidental, consequential, or special, and is limited to the greater of $100 or the declared value but cannot exceed actual documented loss. The maximum declared value for any FedEx Letter and FedEx Pak is $500. Federal Express may, upon your request, and with some limitations, refund all transportation charges paid. See the FedEx Service Guide for further details.

**Questions?**
**Call 1·800·Go·FedEx®** (800)463-3339

*The World On Time*

Rev. Date 11/98 Part #154215 © 1994-98 FedEx PRINTED IN U.S.A. GBRG 4/98

**FedEx** USA Airbill FedEx Tracking Number 812371951403

Form I.D. No. 0200

1 From Please print and press hard.

Date 4/29/99 Sender's FedEx Account Number 0062 70011 - 4

Sender's Name MARK DENSMORE Phone (217) 785-8725

Company IEPA

Address 1021 N. GRAND AVE EAST Dept./Floor/Suite/Room

City SPRINGFIELD State IL ZIP 62794

2 Your Internal Billing Reference (First 24 characters will appear on invoice.) PR 40000

3 To Recipient's Name DEBORAH INMAN Phone (918) 251-0545

Company AMERICAN ANALYTICAL & TECHNICAL SERVICES INC

Address 1700 WEST ALBANY, SUITE C (We cannot deliver to P.O. boxes or P.O. ZIP codes.) Dept./Floor/Suite/Room

To "HOLD" at FedEx location, print FedEx address here.

City BROKEN ARROW State OK ZIP 74012

4a Express Package Service — Packages up to 150 lb. Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight (Next business morning)
- [ ] FedEx Standard Overnight (Next business afternoon)
- [ ] FedEx First Overnight (Earliest next business morning delivery to select locations)
- [ ] FedEx 2Day* (Second business day)
- [ ] FedEx Express Saver* (Third business day)

* FedEx Letter Rate not available. Minimum charge: One-pound rate.

4b Express Freight Service — Packages over 150 lb. Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* (Next business day)
- [ ] FedEx 2Day Freight (Second business day)
- [ ] FedEx 3Day Freight (Third business day)

* Call for Confirmation:

5 Packaging — * Declared value limit $50

- [ ] FedEx Letter*
- [ ] FedEx Pak*
- [x] Other Pkg. Includes FedEx Box, FedEx Tube and customer pkg.

6 Special Handling

- [ ] Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes)
- [ ] Sunday Delivery (Available for FedEx Priority Overnight to select ZIP codes)
- [ ] HOLD Weekday at FedEx Location (Not available with FedEx First Overnight)
- [ ] HOLD Saturday at FedEx Location (Available for FedEx Priority Overnight and FedEx 2Day to select locations)

Does this shipment contain dangerous goods? (One box must be checked.)

- [ ] No
- [ ] Yes As per attached Shipper's Declaration
- [ ] Yes Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment Bill to: (Enter FedEx Acct. No. or Credit Card No. below)

- [x] Sender (Acct. No. in Section 1 will be billed.)
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

| Total Packages | Total Weight | Total Declared Value† |
|---|---|---|
| 1 | 55 | $ .00 |

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

360

Questions? Call 1·800·Go·FedEx® (800-463-3339)
Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Rev. Date 11/98 • Part # 5481 5x 01/99-JB FedEx • PRINTED IN U.S.A. GBFE 4/99

---

**FedEx** USA Airbill FedEx Tracking Number 812371951399

Form I.D. No. 0200

1 From Please print and press hard.

Date 4/29/99 Sender's FedEx Account Number 0627 0011 - 4

Sender's Name MARK DENSMORE Phone (217) 785-8725

Company IEPA

Address 1021 N. GRAND AVE EAST Dept./Floor/Suite/Room

City SPRINGFIELD State IL ZIP 62794

2 Your Internal Billing Reference (First 24 characters will appear on invoice.) PR 44000

3 To Recipient's Name DEBORAH INMAN Phone (918) 251-0545

Company AMERICAN ANALYTICAL & TECH SERVICES, INC

Address 1700 WEST ALBANY, SUITE C (We cannot deliver to P.O. boxes or P.O. ZIP codes.) Dept./Floor/Suite/Room

"HOLD" at FedEx location, print FedEx address here.

City BROKEN ARROW State OK ZIP 74012

4a Express Package Service — Packages up to 150 lb. Delivery commitment may be later in some areas.

- [x] FedEx Priority Overnight (Next business morning)
- [ ] FedEx Standard Overnight (Next business afternoon)
- [ ] FedEx First Overnight (Earliest next business morning delivery to select locations)
- [ ] FedEx 2Day* (Second business day)
- [ ] FedEx Express Saver* (Third business day)

* FedEx Letter Rate not available. Minimum charge: One-pound rate.

4b Express Freight Service — Packages over 150 lb. Delivery commitment may be later in some areas.

- [ ] FedEx 1Day Freight* (Next business day)
- [ ] FedEx 2Day Freight (Second business day)
- [ ] FedEx 3Day Freight (Third business day)

* Call for Confirmation:

5 Packaging — * Declared value limit $50

- [ ] FedEx Letter*
- [ ] FedEx Pak*
- [x] Other Pkg. Includes FedEx Box, FedEx Tube and customer pkg.

6 Special Handling

- [ ] Saturday Delivery (Available for FedEx Priority Overnight and FedEx 2Day to select ZIP codes)
- [ ] Sunday Delivery (Available for FedEx Priority Overnight to select ZIP codes)
- [ ] HOLD Weekday at FedEx Location (Not available with FedEx First Overnight)
- [ ] HOLD Saturday at FedEx Location (Available for FedEx Priority Overnight and FedEx 2Day to select locations)

Does this shipment contain dangerous goods? (One box must be checked.)

- [ ] No
- [ ] Yes As per attached Shipper's Declaration
- [ ] Yes Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____
- [ ] Cargo Aircraft Only

Dangerous Goods cannot be shipped in FedEx packaging.

7 Payment Bill to: (Enter FedEx Acct. No. or Credit Card No. below)

- [x] Sender (Acct. No. in Section 1 will be billed.)
- [ ] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. / Credit Card No. Exp. Date

| Total Packages | Total Weight | Total Declared Value† |
|---|---|---|
| 1 | 44 | $ .00 |

†Our liability is limited to $100 unless you declare a higher value. See back for details. FedEx Use Only

8 Release Signature Sign to authorize delivery without obtaining signature.

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

360

Questions? Call 1·800·Go·FedEx® (800-463-3339)
Visit our Web site at www.fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

EPA United States Environmental Protection Agency
Contract Laboratory Program

# Organic Traffic Report & Chain of Custody Record
(For Organic CLP Analysis)

SAS No. (if applicable):

Case No.: 26961

| 1. Project Code | Account Code | 2. Region No. | Sampling Co. | 4. Date Shipped | Carrier |
|---|---|---|---|---|---|
| | | 5 | JEM | 4/29/99 | FED EX |

Regional Information: TFA-102

Sampler (Name): TED PRESCOTT

Airbill Number: 809 216101850

Non-Superfund Program

Sampler Signature: [signature]

5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC. 11950 INDUSTRIPLEX BLVD. BATON ROUGE, LA 70809 ATTN: NANCY LEBLANC

Site Name: INTERLAKE PROPERTIES

City, State: CHICAGO, IL

Site Spill ID: 22

3. Purpose*: Lead [ ] SF [ ] PRP [ ] ST [ ] FED; Early Action [ ] CLEM [ ] PA [ ] REM [ ] RI [ ] SI [X] ESI; Long-Term Action [ ] FS [ ] RD [ ] RA [ ] O&M [ ] NPLD

6. Matrix (Enter in Column A): 1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (Specify in Column A)

7. Preservative (Enter in Column D): 1. HCl 2. HNO3 3. NaHSO4 4. H2SO4 5. Ice only 6. Other (Specify in Column D) N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) / Other: | B Conc.: Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 7) / Other: | E RAS Analysis: VOA | BNA | Pest/PCB | High only ARO/TOX | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Inorganic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ECCM3 | 5 | | G | 5 | | X | X | | 5-135407 | X101 | 4/29/99 13:30 | MEBWJ1 | [signature] | — |
| ECCM4 | 5 | | G | 5 | | X | X | | 5-135409 | X102 | 4/29/99 10:15 | MEBWJ2 | [signature] | — |
| ECCM5 | 5 | | G | 5 | | X | X | | 5-135411 | X103 | 4/29/99 10:15 | MEBWJ3 | [signature] | D ~~[illegible]~~ |
| ECCM6 | 5 | | G | 5 | | X | X | | 5-135413 | X104 | 4/29/99 12:00 | MEBWJ4 | [signature] | — |
| ECCM7 | 5 | | G | 5 | | X | X | | 5-135415 | X105 | 4/29/99 11:30 | MEBWJ5 | [signature] | — |
| ~~ECCM8~~ | ~~5~~ | | ~~G~~ | ~~5~~ | | ~~X~~ | ~~X~~ | | ~~5-135417~~ | ~~X106~~ | | ~~MEBWJ6~~ | [signature] | — RC |
| ECCM9 | 5 | | G | 5 | | X | X | | 5-135419 | X107 | 4/28/99 16:18 | MEBWJ7 | [signature] | — |
| ECCN0 | 5 | | G | 5 | | X | X | | 5-135421 | X108 | 4/28/99 16:30 | MEBWJ8 | [signature] | — |
| ECCN1 | 5 | | G | 5 | | X | X | | 5-135423 | X109 | 4/28/99 13:30 | MEBWJ9 | [signature] | S |
| ECCN2 | 5 | | G | 5 | | X | X | | 5-135425 | X110 | 4/28/99 13:00 | MEBWK0 | [signature] | — |

Shipment for Case Complete? (Y/N): Y

Page 1 of 2

Sample(s) to be Used for Laboratory QC: ECCN1

Additional Sampler Signatures:

Chain of Custody Seal Number(s): 187651 / 187652

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/29/99 1500 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks: Is custody seal intact? Y/N/none | |
| | | | | | |

A21-012-3 REV. 3/93

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EPA Form 9110-2

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS
*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

EPA United States Environmental Protection Agency Contract Laboratory Program

# Organic Traffic Report & Chain of Custody Record
(For Organic CLP Analysis)

SAS No. (if applicable):

Case No.: 26961

1. Project Code:
Account Code:
2. Region No.: 5
Sampling Co.: IEPA
4. Date Shipped: 4/29/99
Carrier: FED EX

Regional Information: TFA-102
Sampler (Name): TED PRESCOTT
Airbill Number: 809 216 101 850

Non-Superfund Program
Sampler Signature: [signature]
5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC. 11950 INDUSTRIPLEX BLVD BATON ROUGE, LA 70809 ATTN: NANCY LEBLANC

Site Name: INTERLAKE PROPERTIES
City, State: CHICAGO, IL
Site Spill ID: ZZ

3. Purpose*
Lead: SF, PRP, ST, FED
Early Action: CLEM, PA, REM, RI, SI, ESI (X)
Long-Term Action: FS, RD, RA, O&M, NPLD

6. Matrix (Enter in Column A): 1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (Specify in Column A)

7. Preservative (Enter in Column D): 1. HCl 2. HNO3 3. NaHSO4 4. H2SO4 5. Ice only 6. Other (Specify in Column D) N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc.: Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 7) Other: | E RAS Analysis VOA | BNA | Pest/PCB | High only ARO/TOX | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Inorganic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform Eval — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ECCN3 | 5 | | G | 5 | | X | X | | 5-135427 | X111 | 4/28/99/11:00 | MEBWK1 | [illegible] | — |
| ECCN4 | 5 | | G | 5 | | X | X | | 5-135429 | X112 | 4/28/99/10:30 | MEBWK2 | [illegible] | — |
| ECCN5 | 5 | | G | 5 | | X | X | | 5-135431 | X113 | 4/28/99/8:30 | MEBWK3 | [illegible] | — |
| ECCN6 | 5 | | G | 5 | | X | X | | 5-135433 | X114 | 4/28/99/9:00 | MEBWK4 | [illegible] | — |
| ECCN7 | 5 | | G | 5 | | X | X | | 5-135435 | X115 | 4/28/99/10:00 | MEBWK5 | [illegible] | — |
| ~~ECCN8~~ | ~~5~~ | | ~~G~~ | ~~5~~ | | ~~X~~ | ~~X~~ | | ~~5-135437~~ | ~~X116~~ | | ~~MEBWK6~~ | [illegible] | — |
| ~~ECCN9~~ | ~~5~~ | | ~~G~~ | ~~5~~ | | ~~X~~ | ~~X~~ | | ~~5-135439~~ | ~~X117~~ | | ~~MEBWK7~~ | [illegible] | — |
| ~~ECCP0~~ | ~~5~~ | | ~~G~~ | ~~5~~ | | ~~X~~ | ~~X~~ | | ~~5-135441~~ | ~~X118~~ | | ~~MEBWK8~~ | [illegible] | — |

Shipment for Case Complete? (Y/N): Y
Page 2 of 2
Sample(s) to be Used for Laboratory QC: ECCN3
Additional Sampler Signatures:
Chain of Custody Seal Number(s): 187651/187652

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/29/99 1500 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks: Is custody seal intact? Y/N/none | |

A21-012-3 REV. 3/93

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EPA Form 9110-2

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*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

EPA United States Environmental Protection Agency Contract Laboratory Program

# Organic Traffic Report & Chain of Custody Record
(For Organic CLP Analysis)

SAS No. (if applicable):

Case No.: 26961

| 1. Project Code | Account Code | 2. Region No. | Sampling Co. | 4. Date Shipped | Carrier |
|---|---|---|---|---|---|
| | | 5 | IEPA | 4/29/99 | FED EX |

Regional Information: TFA 102

Sampler (Name): TED PRESCOTT

Airbill Number: 809 216 101 850

Non-Superfund Program:

Sampler Signature: [signature]

Site Name: INTERLAKE PROPERTIES

City, State: CHICAGO IL

Site Spill ID: ~~ZZ~~

3. Purpose*: Lead: SF, PRP, ST, FED; Early Action: CLEM, PA, REM, RI, SI, X ESI; Long-Term Action: FS, RD, RA, O&M, NPLD

5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC
11950 INDUSTRIPLEX BLVD.
BATON ROUGE, LA 70809
ATTN: NANCY LE BLANC

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (Specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaHSO4
4. H2SO4
5. Ice only
6. Other (Specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc.: Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 7) Other: | E RAS Analysis: VOA | BNA | Pest/PCB | High only ARO/TOX | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Inorganic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform Eval — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ECCP1 | 5 | | G | 5 | | X | X | | 5-135443 | X201 | 4/29/99/13:00 | MEBWK9 | [initials] | — |
| ECCP2 | 5 | | G | 5 | | X | X | | 5-135445 | X202 | 4/28/99/17:30 | MEBWL0 | [initials] | — |
| ECCP3 | 5 | | G | 5 | | X | X | | 5-135447 | X203 | 4/28/99/16:30 | MEBWL1 | [initials] | — |
| ECCP4 | 5 | | G | 5 | | X | X | | 5-135449 | X204 | 4/28/99/17:15 | MEBWL2 | [initials] | — |
| ECCP5 | 5 | | G | 5 | | X | X | | 5-135451 | X205 | 4/28/99/17:00 | MEBWL3 | [initials] | — |
| ECCP6 | 5 | | G | 5 | | X | X | | 5-135453 | X206 | 4/28/99/15:00 | MEBWL4 | [initials] | — |
| ECCP7 | 5 | | G | 5 | | X | X | | 5-135455 | X207 | 4/28/99/16:00 | MEBWL5 | [initials] | — |
| ECCP8 | 5 | | G | 5 | | X | X | | 5-135457 | X208 | 4/28/99/15:45 | MEBWL6 | [initials] | — |
| ECCP9 | 5 | | G | 5 | | X | X | | 5-135459 | X209 | 4/28/99/15:30 | MEBWL7 | [initials] | — |
| ECRM2 | 5 | | G | 5 | | X | X | | 5-135461 | X210 | 4/28/99 1330 | MEBWL8 | [initials] | — |

Shipment for Case Complete? (Y/N): Y

Page: 1 of 2

Sample(s) to be Used for Laboratory QC: ECCN1

Additional Sampler Signatures:

Chain of Custody Seal Number(s): 187649/187650

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/29/99 15:00 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |
| | | | | | |

A21-012-3 REV. 3/93

DISTRIBUTION: Blue - Region Copy; White - Lab Copy for Return to Region; Pink - SMO Copy; Yellow - Lab Copy for Return to S...

EPA Form 9110-2

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS
*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

EPA United States Environmental Protection Agency Contract Laboratory Program

# Organic Traffic Report & Chain of Custody Record
(For Organic CLP Analysis)

SAS No. (If applicable)

Case No. 26761

| 1. Project Code | Account Code | 2. Region No. | Sampling Co. | 4. Date Shipped | Carrier |
|---|---|---|---|---|---|
| | | 5 | IEPA | 4/29/99 | FED EX |

Regional Information: TFA-102

Sampler (Name): TED PRESCOTT

Airbill Number: 809 216 101 850

Non-Superfund Program

Sampler Signature: [signature]

Site Name: INTERLAKE PROPERTIES

City, State: CHICAGO, IL

Site Spill ID: ZZ

3. Purpose*: Lead: SF, PRP, ST, FED; Early Action: CLEM, PA, REM, RI, SI, [X] ESI; Long-Term Action: FS, RD, RA, O&M, NPLD

5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC 11950 INDUSTRIPLEX BLVD. BATON ROUGE, LA 70809 ATTN: NANCY LeBLANC

6. Matrix (Enter in Column A): 1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (Specify in Column A)

7. Preservative (Enter in Column D): 1. HCl 2. HNO3 3. NaHSO4 4. H2SO4 5. Ice only 6. Other (Specify in Column D) N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc.: Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 7) Other: | E RAS Analysis VOA | BNA | Pest/PCB | High only ARO/TOX | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Inorganic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ECRM3 | 5 | | G | 5 | | X | X | | 5-135463 | X211 | 4/28/99/12:30 | MEBWL9 | [initials] | — |
| ECRM4 | 5 | | G | 5 | | X | X | | 5-135465 | X212 | 4/28/99/18:00 | MEBWM0 | [initials] | — |
| ECRM5 | 5 | | G | 5 | | X | X | | 5-135467 | X213 | 4/28/99/13:00 | MEBWM1 | [initials] | — |
| ECRM6 | 5 | | G | 5 | | X | X | | 5-135469 | X214 | 4/28/99/13:30 | MEBWM2 | [initials] | — |
| ECRM7 | 5 | | G | 5 | | X | X | | 5-135471 | X215 | 4/29/99/11:15 | MEBWM3 | [initials] | — |

| Shipment for Case Complete? (Y/N) | Page | Sample(s) to be Used for Laboratory QC | Additional Sampler Signatures | Chain of Custody Seal Number(s) |
|---|---|---|---|---|
| | 2 of 2 | ECCN | | 187649 / 187650 |

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/29/99 1500 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |
| | | | | | |

DISTRIBUTION: Blue - Region Copy; White - Lab Copy for Return to Region; Pink - SMO Copy; Yellow - Lab Copy for Return to SMO

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*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

A21-012-3 REV. 3/93

36^837

**EPA** United States Environmental Protection Agency
Contract Laboratory Program

# Organic Traffic Report & Chain of Custody Record
(For Organic CLP Analysis)

SAS No. (If applicable):

Case No.: 26961

| 1. Project Code | Account Code | 2. Region No. | Sampling Co. | 4. Date Shipped | Carrier |
|---|---|---|---|---|---|
| | | 5 | IEPA | | FED EX |

Regional Information: TFA -102

Sampler (Name): TED PRESCOTT

Airbill Number: 8092161018 50

Non-Superfund Program

Sampler Signature: Ted Prescott

5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC
11950 INDUSTRIPLEX BLVD
BATON ROUGE, LA 70809
ATTN: NANCY LE BLANC

Site Name: INTERLAKE PROPERTIES

City, State: CHICAGO, IL

Site Spill ID: ZZ

3. Purpose*

Lead: [ ] SF [ ] PRP [ ] ST [ ] FED

Early Action: [ ] CLEM [ ] PA [ ] REM [ ] RI [ ] SI [X] ESI

Long-Term Action: [ ] FS [ ] RD [ ] RA [ ] O&M [ ] NPLD

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (Specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaHSO4
4. H2SO4
5. Ice only
6. Other (Specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc.: Low Med High | C Sample Type: Comp./ Grab | D Preservative (from Box 7) Other: | E RAS Analysis VOA | BNA | Pest/PCB | High only ARO/TOX | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/ Year/Time Sample Collection | I Corresponding CLP Inorganic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval. — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ECRM8 | 2 | L | G | 5 | | X | | | 5-135593-5 | G102 | 4/27/99/16:30 | MEBWM4 | TP | S |
| ECRM8 | 2 | L | G | 5 | | | X | | 5-135596 | G102 | 4/27/99/16:30 | MEBWM4 | TP | S |
| ECRM8 | 2 | L | G | 1 | X | | | | 5-135601-6 | G102 | 4/27/99/16:30 | MEBWM4 | TP | S |
| ECRN1 | 2 | L | G | 1 | X | | | | 5-135607-8 | FB | ~~MEBWM7~~ 4/28/99/14:00 | MEBWM7 | TP | B |
| ECRM9 | 2 | L | G | 1 | X | | | | 5-135613-4 | G103 | 4/27/99/16:00 | MEBWM5 | TP | D |
| ECRN0 | 2 | L | G | 1 | X | | | | 5-135615-6 | G104 | 4/27/99/16:00 | MEBWM6 | TP | D |
| ECRN4 | 2 | L | G | 1 | X | | | | 5-135617-8 | TB | 4/28/99/11:30 | — | TP | TB |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

| Shipment for Case Complete? (Y/N) | Page | Sample(s) to be Used for Laboratory QC | Additional Sampler Signatures | Chain of Custody Seal Number(s) |
|---|---|---|---|---|
| Y | 1 of 1 | ECRM8 | | 187641/187642 |

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| Ted Prescott | 4/29/99 15:00 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |
| | | | | | |

A21-012-3 REV. 3/93

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EPA United States Environmental Protection Agency
Contract Laboratory Program

# Organic Traffic Report & Chain of Custody Record
(For Organic CLP Analysis)

SAS No. (If applicable):

Case No.: 26961

| | |
|---|---|
| 1. Project Code | |
| Account Code | |
| 2. Region No. | 5 |
| Sampling Co. | IEPA |
| 4. Date Shipped | |
| Carrier | FED EX |
| Regional Information | TFA-102 |
| Sampler (Name) | TED PRESCOTT |
| Airbill Number | 809 216 101 850 |
| Non-Superfund Program | |
| Sampler Signature | [signature] |
| Site Name | INTERLAKE PROPERTIES |
| City, State | CHICAGO, IL |
| Site Spill ID | 22 |

3. Purpose*: Lead: [ ] SF [ ] PRP [ ] ST [ ] FED; Early Action: [ ] CLEM [ ] PA [ ] REM [ ] RI [ ] SI [X] ESI; Long-Term Action: [ ] FS [ ] RD [ ] RA [ ] O&M [ ] NPLD

5. Ship To: AMERICAN ANALYTICAL + TECHNICAL SERVICES, INC
11950 INDUSTRIPLEX BLVD.
BATON ROUGE, LA 70809
ATTN: NANCY LE BLANC

6. Matrix (Enter in Column A):
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (Specify in Column A)

7. Preservative (Enter in Column D):
1. HCl
2. HNO3
3. NaHSO4
4. H2SO4
5. Ice only
6. Other (Specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc.: Low Med High | C Sample Type: Comp./ Grab | D Preservative (from Box 7) Other: | E RAS Analysis: VOA | BNA | Pest/PCB | High only ARO/TOX | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/ Year/Time Sample Collection | I Corresponding CLP Inorganic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ECRM9 | 2 | L | G | 5 | | X | | | 5-135609 | G103 | 4/27/99 16:00 | MEBWM5 | [illegible] | — |
| ECRM9 | 2 | L | G | 5 | | | X | | 5-135610 | G103 | 4/27/99 16:00 | MEBWM5 | [illegible] | — |
| ECRM0 | 2 | L | G | 5 | | X | | | 5-135611 | G104 | 4/27/99 16:00 | MEBWM6 | [illegible] | D of ECRM9 |
| ECRM0 | 2 | L | G | 5 | | | X | | 5-135612 | G104 | 4/27/99 16:00 | MEBWM6 | [illegible] | — |

| Shipment for Case Complete? (Y/N) | Page | Sample(s) to be Used for Laboratory QC | Additional Sampler Signatures | Chain of Custody Seal Number(s) |
|---|---|---|---|---|
| Y | 1 of 1 | ECRM8 | | 187647 / 187648 |

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/28/99 15:00 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |
| | | | | | |

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EPA United States Environmental Protection Agency
Contract Laboratory Program

# Organic Traffic Report & Chain of Custody Record
(For Organic CLP Analysis)

SAS No. (if applicable):

Case No.: 26961

| | | | | | |
|---|---|---|---|---|---|
| 1. Project Code | Account Code | 2. Region No.: 5 | Sampling Co.: IERA | 4. Date Shipped: 4/29/99 | Carrier: FED EX |
| Regional Information: TFA-102 | | Sampler (Name): TED PRESCOTT | | Airbill Number: 809216101850 | |
| Non-Superfund Program | | Sampler Signature: Ted Prescott | | 5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC. 11950 INDUSTRIPLEX BLVD. BATON ROUGE, LA 70809 ATTN: NANCY LE BLANC | |
| Site Name: INTERLAKE PROPERTIES | | 3. Purpose* Lead: [ ] SF [ ] PRP [ ] ST [ ] FED; Early Action: [ ] CLEM [ ] PA [ ] REM [ ] RI [ ] SI [X] ESI; Long-Term Action: [ ] FS [ ] RD [ ] RA [ ] O&M [ ] NPLD | | | |
| City, State: CHICAGO, IL | Site Spill ID: ~~22~~ | | | | |

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (Specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaHSO4
4. H2SO4
5. Ice only
6. Other (Specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) / Other: | B Conc.: Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 7) / Other: | E RAS Analysis: VOA | BNA | Pest/PCB | High only / ARO/TOX | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Inorganic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ECRM8 | 2 | L | G | 5 | | | X | | 5-135597-8 | G102 | 4/27/99/16:30 | MEBWM4 | [illegible] | S |
| ECRN1 | 2 | L | G | 5 | | X | | | 5-135599 | FB | 4/28/99/9:00 | MEBWM7 | [illegible] | B |
| ECRN1 | 2 | L | G | 5 | | | X | | 5-135600 | FB | 4/28/99/9:00 | MEBWM7 | [illegible] | B |

| Shipment for Case Complete? (Y/N) | Page | Sample(s) to be Used for Laboratory QC | Additional Sampler Signatures | Chain of Custody Seal Number(s) |
|---|---|---|---|---|
| Y | 1 of 1 | ECRM8 | | 187645/187646 |

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| Ted Prescott | 4/29/99 15:00 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |
| | | | | | |

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EPA United States Environmental Protection Agency
Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record
(For Inorganic CLP Analysis)

Case No. 26961

| 1. Project Code | Account Code | 2. Region No. | Sampling Co. | 4. Date Shipped | Carrier |
|---|---|---|---|---|---|
| | | 5 | IEPA | 4/29/99 | FED EX |

Regional Information: TFA-102

Sampler (Name): TED PRESCOTT

Airbill Number: 809 216 101 858

Non-Superfund Program

Sampler Signature: Ted Prescott

5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC. 1700 WEST ALBANY, SUITE C BROKEN ARROW, OK 74012 ATTN: DEBORAH INMAN

Site Name: INTERLAKE PROPERTIES

City, State: CHICAGO, IL

Site Spill ID: 22

3. Purpose*

Lead: SF, PRP, ST, FED

Early Action: CLEM, PA, REM, RI, SI, ESI

Long-Term Action: FS, RD, RA, O&M, NPLD

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaOH
4. $H_2SO_4$
5. $K_2CR_2O_7$
6. Ice only
7. Other (specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc. Low Med High | C Sample Type: Comp./ Grab | D Preservative (from Box 7) Other: | E – RAS Analysis: Diss. Metals | Total Metals | Cyanide | Low only: $NO_2/NO_3$ | Fluoride | High only: pH | Conduct. | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/ Year/Time Sample Collection | I Corresponding CLP Organic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank, S = Spike, D = Duplicate, R = Rinsate, PE = Perform. Eval., — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MEBWH1 | 5 | | G | 6 | | X | X | | | | | 5-135428 | X111 | 4/28/99/11:00 | ECCN3 | TP | |
| MEBWK2 | 5 | | G | 6 | | X | X | | | | | 5-135430 | X112 | 4/28/99/10:30 | ECCN4 | TP | |
| MEBWK3 | 5 | | G | 6 | | X | X | | | | | 5-135432 | X113 | 4/28/99/8:30 | ECCN5 | TP | |
| MEBWK4 | 5 | | G | 6 | | X | X | | | | | 5-135434 | X114 | 4/28/99/9:00 | ECCN6 | TP | |
| MEBWK5 | 5 | | G | 6 | | X | X | | | | | 5-135436 | X115 | 4/28/99/10:00 | ECCN7 | TP | ok |
| MEBWK6 | 5 | | G | 6 | | X | X | | | | | 5-135438 | X116 | | ECCN8 | | BC |
| MEBWK7 | 5 | | G | 6 | | X | X | | | | | 5-135440 | X117 | | ECCN9 | | BC |
| MEBWK8 | 5 | | G | 6 | | X | X | | | | | 5-135442 | X118 | | ECCP0 | | BC |

| Shipment for Case Complete? (Y/N) | Page | Sample(s) to be Used for Laboratory QC | Additional Sampler Signatures | Chain of Custody Seal Number(s) |
|---|---|---|---|---|
| Y | 2 of 2 | MEBWJ9 | | 187655/187656 |

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| Ted Prescott | 4/29/99 1500 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |

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3735 1

EPA United States Environmental Protection Agency
Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record
(For Inorganic CLP Analysis)

Case No. 26961

| | | | |
|---|---|---|---|
| 1. Project Code | Account Code | 2. Region No. 5 | Sampling Co. IEPA |
| 4. Date Shipped 4/29/99 | Carrier FED EX | | |
| Regional Information TFA-102 | Sampler (Name) TED PRESCOTT | Airbill Number 809216101858 | |
| Non-Superfund Program | Sampler Signature [signature] | 5. Ship To AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC. 1700 WEST ALBANY, SUITE C BROKEN ARROW, OK 74012 ATTN: DEBORAH INMAN | |
| Site Name INTERLAKE PROPERTIES | 3. Purpose* Lead: [ ] SF [ ] PRP [ ] ST [ ] FED; Early Action: [ ] CLEM [ ] PA [ ] REM [ ] RI [ ] SI [X] ESI; Long-Term Action: [ ] FS [ ] RD [ ] RA [ ] O&M [ ] NPLD | | |
| City, State CHICAGO, IL | Site Spill ID ~~ZZ~~ | | |

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaOH
4. $H_2SO_4$
5. $K_2CR_2O_7$
6. Ice only
7. Other (specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc. Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 7) Other: | E – RAS Analysis: Diss. Metals | Total Metals | Cyanide | Low only: $NO_2/NO_3$ | Fluoride | High only: pH | Conduct. | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Organic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank, S = Spike, D = Duplicate, R = Rinsate, PE = Perform. Eval., — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ~~MEBWJ1~~ ECCM3 | 5 | | G | 6 | | X | X | | | | | 5-135408 | X101 | | ECCM3 | JB | — |
| MEBWJ2 | 5 | | G | 6 | | X | X | | | | | 5-135410 | X102 | 10:45 | ECCM4 | JB | — |
| MEBWJ3 | 5 | | G | 6 | | X | X | | | | | 5-135412 | X103 | 10:45 | ECCM5 | JB | D of ~~MEBWJ4~~ MEBWJ2 |
| MEBWJ4 | 5 | | G | 6 | | X | X | | | | | 5-135414 | X104 | 12:00 | ECCM6 | JB | — |
| MEBWJ5 | 5 | | G | 6 | | X | X | | | | | 5-135416 | X105 | 11:30 | ECCM7 | JB | — |
| ~~MEBWJ6~~ | ~~5~~ | | ~~G~~ | ~~6~~ | | ~~X~~ | ~~X~~ | | | | | ~~5-135418~~ | ~~X106~~ | | ECCM8 | | — |
| MEBWJ7 | 5 | | G | 6 | | X | X | | | | | 5-135420 | X107 | 4/28/99/16:40 | ECCM9 | JB | — |
| MEBWJ8 | 5 | | G | 6 | | X | X | | | | | 5-135422 | X108 | 4/28/99/11:30 | ECCN0 | JB | — |
| MEBWJ9 | 5 | | G | 6 | | X | X | | | | | 5-135424 | X109 | 4/28/99/13:30 | ECCN1 | JB | S |
| MEBWK0 | 5 | | G | 6 | | X | X | | | | | 5-135426 | X110 | 4/28/99/13:20 | ECCN2 | JB | — |

Re

| Shipment for Case Complete? (Y/N) | Page | Sample(s) to be Used for Laboratory QC | Additional Sampler Signatures | Chain of Custody Seal Number(s) |
|---|---|---|---|---|
| | 1 of 2 | MEBWJ9 | | 187655/187656 |

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/29/99 1520 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |

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EPA United States Environmental Protection Agency Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record
(For Inorganic CLP Analysis)

Case No. 26961

| 1. Project Code | Account Code | 2. Region No. | Sampling Co. | 4. Date Shipped | Carrier |
|---|---|---|---|---|---|
| | | 5 | IEPA | 4/29/99 | FED EX |

Regional Information: TFA-102

Sampler (Name): TED PRESCOTT

Airbill Number: 809 216 101 838

Non-Superfund Program

Sampler Signature

5. Ship To: AMERICAN ANALYTICAL + TECHNICAL SERVICES, INC. 1700 WEST ALBANY, SUITE C BROKEN ARROW, OK 74012 ATTN: DEBORAH INMAN

Site Name: INTERLAKE PROPERTIES

City, State: CHICAGO, IL

Site Spill ID: ZZ

3. Purpose*

Lead: SF, PRP, ST, FED

Early Action: CLEM, PA, REM, RI, SI, ESI

Long-Term Action: FS, RD, RA, O&M, NPLD

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaOH
4. $H_2SO_4$
5. $K_2CR_2O_7$
6. Ice only
7. Other (specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc. Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 7) Other: | E – RAS Analysis: Diss. Metals | Total Metals | Cyanide | Low only: $NO_2/NO_3$ | Fluoride | High only: pH | Conduct. | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Organic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval. -- = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MEBWJ9 | 5 | | G | 6 | | X | X | | | | | 5-135444 | X201 | 4/29/99/1200 | ECCP1 | | — |
| MEBWL0 | 5 | | G | 6 | | X | X | | | | | 5-135446 | X202 | 4/28/99/17:30 | ECCP2 | | — |
| MEBWL1 | 5 | | G | 6 | | X | X | | | | | 5-135448 | X203 | 4/28/99/16:30 | ECCP3 | | — |
| MEBWL2 | 5 | | G | 6 | | X | X | | | | | 5-135450 | X204 | 4/28/99/17:25 | ECCP4 | | — |
| MEBWL3 | 5 | | G | 6 | | X | X | | | | | 5-135452 | X205 | 4/28/99/17:00 | ECCP5 | | — |
| MEBWL4 | 5 | | G | 6 | | X | X | | | | | 5-135454 | X206 | 4/28/99/15:00 | ECCP6 | | — |
| MEBWL5 | 5 | | G | 6 | | X | X | | | | | 5-135456 | X207 | 4/28/99/16:10 | ECCP7 | | — |
| MEBWL6 | 5 | | G | 6 | | X | X | | | | | 5-135458 | X208 | 4/28/99/15:15 | ECCP8 | | — |
| MEBWL7 | 5 | | G | 6 | | X | X | | | | | 5-135460 | X209 | 4/28/99/15:30 | ECCP9 | | — |
| MEBWL8 | 5 | | G | 6 | | X | X | | | | | 5-135462 | X210 | | ECRM2 | | — |

| Shipment for Case Complete? (Y/N) | Page | Sample(s) to be Used for Laboratory QC | Additional Sampler Signatures | Chain of Custody Seal Number(s) |
|---|---|---|---|---|
| | 1 of 2 | MEBWJ9 | | 187653 / 187654 |

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| Ted Prescott | 4/29/99 1500 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |

A21-012-13 REV

DISTRIBUTION: Green - Region Copy; White - Lab Copy for Return to Region; Pink - CLASS Copy; Yellow - Lab Copy for Return to CLASS

EPA Form 9110-1

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS
*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

3732

EPA United States Environmental Protection Agency
Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record
(For Inorganic CLP Analysis)

Case No. 26961

| | | | |
|---|---|---|---|
| 1. Project Code | Account Code | 2. Region No. 5 | Sampling Co. IERA |
| 4. Date Shipped 4/29/99 | Carrier FED EX | | |
| Regional Information TFA-102 | Sampler (Name) FED PRESCOTT | Airbill Number 809 216 101 638 | |
| Non-Superfund Program | Sampler Signature | 5. Ship To AMERICAN ANALYTICAL + TECHNICAL SERVICES, INC. 1700 WEST ALBANY, SUITE C BROKEN ARROW, OK 74012 ATTN: DEBORAH INMAN | |
| Site Name INTERLAKE PROPERTIES | 3. Purpose* Lead: SF, PRP, ST, FED; Early Action: CLEM, PA, REM, RI, SI, ESI; Long-Term Action: FS, RD, RA, O&M, NPLD | | |
| City, State CHICAGO, IL | Site Spill ID ZZ | | |

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. $HNO_3$
3. NaOH
4. $H_2SO_4$
5. $K_2CR_2O_7$
6. Ice only
7. Other (specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc. Low Med High | C Sample Type: Comp./ Grab | D Preservative (from Box 7) Other: | E – RAS Analysis: Diss. Metals | Total Metals | Cyanide | Low only: $NO_2/NO_3$ | Fluoride | High only: pH | Conduct. | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/ Year/Time Sample Collection | I Corresponding CLP Organic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval. — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MEBWL9 | 5 | | G | 6 | | X | X | | | | | 5-135464 | X211 | 4/28/99/12:30 | ECRM3 | JT | — |
| MEBWM0 | 5 | | G | 6 | | X | X | | | | | 5-135466 | X212 | 4/28/99/18:0 | ECRM4 | JP | — |
| MEBWM1 | 5 | | G | 6 | | X | X | | | | | 5-135468 | X213 | 4/28/99/13:00 | ECRM5 | JP | — |
| MEBWM2 | 5 | | G | 6 | | X | X | | | | | 5-135470 | X214 | 4/29/99/13:30 | ECRM6 | JP | — |
| MEBWM3 | 5 | | G | 6 | | X | X | | | | | 5-135472 | X215 | 4/29/99/11:15 | ECRM7 | JP | — |

| Shipment for Case Complete? (Y/N) | Page | Sample(s) to be Used for Laboratory QC | Additional Sampler Signatures | Chain of Custody Seal Number(s) |
|---|---|---|---|---|
| | 2 of 2 | MEBWJ9 | | 187653/187654 |

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/29/99 1500 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |

A21-012-13 REV.

DISTRIBUTION: Green - Region Copy; White - Lab Copy for Return to Region; Pink - CLASS Copy; Yellow - Lab Copy for Return to CLASS

EPA Form 9110-1

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS
*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

**EPA** United States Environmental Protection Agency
Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record
(For Inorganic CLP Analysis)

Case No. 26761

| 1. Project Code | Account Code | 2. Region No. | Sampling Co. | 4. Date Shipped | Carrier |
|---|---|---|---|---|---|
| | | 5 | IEPA | 4/29/99 | FED EX |

Regional Information: TFA-102

Sampler (Name): TED PRESCOTT

Airbill Number: 809 216 101 838

Non-Superfund Program

Sampler Signature: [signature]

5. Ship To: AMERICAN ANALYTICAL & TESTING SERVICES, INC. 1700 WEST ALBANY, SUITE C BROKEN ARROW, OK 74012 ATTN: DEBORAH INMAN

Site Name: INTERLAKE PROPERTIES

City, State: CHICAGO, IL

Site Spill ID: 22

3. Purpose*

| Lead | Early Action | Long-Term Action |
|---|---|---|
| SF | CLEM | FS |
| PRP | PA | RD |
| ST | REM | RA |
| FED | RI | O&M |
| | SI | NPLD |
| | X ESI | |

6. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (specify in Column A)

7. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaOH
4. $H_2SO_4$
5. $K_2CR_2O_7$
6. Ice only
7. Other (specify in Column D)
N. Not preserved

| CLP Sample Numbers (from labels) | A Matrix (from Box 6) Other: | B Conc. Low Med High | C Sample Type: Comp./ Grab | D Preservative (from Box 7) Other: | E – RAS Analysis: Diss. Metals | Total Metals | Cyanide | Low only: $NO_2/NO_3$ | Fluoride | High only: pH | Conduct. | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/ Year/Time Sample Collection | I Corresponding CLP Organic Sample No. | J Sampler Initials | K Field QC Qualifier (B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval. — = Not a QC Sample) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MEBWM4 | 2 | L | G | 2 | | X | | | | | | 5-135473-5 | G102 | 4/27/99/16:30 | ECRM8 | [illegible] | S |
| MEBWM4 | 2 | L | G | 3 | | | X | | | | | 5-135476-8 | G102 | 4/27/99/16:30 | ECRM8 | [illegible] | S |
| MEBWM5 | 2 | L | G | 2 | | X | | | | | | 5-135479 | G103 | 4/27/99/16:20 | ECRM9 | [illegible] | — |
| MEBWM5 | 2 | L | G | 3 | | | X | | | | | 5-135480 | G103 | 4/27/99/16:20 | ECRM9 | [illegible] | — |
| MEBWM6 | 2 | L | G | 2 | | X | | | | | | 5-135481 | G104 | 4/27/99/16:20 | ECRN0 | [illegible] | D of MEBWM5 |
| MEBWM6 | 2 | L | G | 3 | | | X | | | | | 5-135482 | G104 | 4/27/99/16:20 | ECRN0 | [illegible] | " |
| MEBWM7 | 2 | L | G | 2 | | X | | | | | | 5-135483 | FB | 4/28/99/9:00 | ECRN1 | [illegible] | B |
| MEBWM7 | 2 | L | G | 3 | | | X | | | | | 5-135484 | FB | 4/28/99/9:00 | ECRN1 | [illegible] | B |

Shipment for Case Complete? (Y/N): Y

Page 1 of 1

Sample(s) to be Used for Laboratory QC: MEBWM4

Additional Sampler Signatures:

Chain of Custody Seal Number(s): 187643/187644

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/29/99 15:00 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |

421-012-13 REV.

DISTRIBUTION: Green - Region Copy; White - Lab Copy for Return to Region; Pink - CLASS Copy; Yellow - Lab Copy for Return to CLASS

EPA Form 9110-1

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS
*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 5
77 West Jackson Boulevard
Chicago, Illinois 60604

# CHAIN OF CUSTODY RECORD

Activity Code:

PROJ. NO.: 99IE05
PROJECT NAME: INTERLAKE PROPERTIES
SAMPLERS: (Print Name and Sign) TED PRESCOTT

| STA. NO. | DATE | TIME | COMP. | GRAB | STATION LOCATION | NO. OF CONTAINERS | VOA | DRY WEIGHT | | | | | TAG NUMBERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S01 | 4/28/99 | 11:00 | | X | X 111 | 3 | X | | | | | | 5-135620-2 |
| S01 | " | " | | X | " | 1 | | X | | | | | 5-135619 |
| S02 | 4/28/99 | 13:30 | | X | X 109 | 3 | X | | | | | | 5-135630-2 |
| S02 | " | " | | X | " | 1 | | X | | | | | 5-135628 |
| S03 | 4/28/99 | 13:00 | | X | X 110 | 3 | X | | | | | | 5-135633-5 |
| S03 | " | " | | X | " | 1 | | X | | | | | 5-135629 |
| S04 | 4/28/99 | 10:30 | | X | X 112 | 3 | X | | | | | | 5-135636-8 |
| S04 | " | 10:30 | | X | " | 1 | | X | | | | | 5-135639 |
| S05 | 4/28/99 | 8:30 | | X | X 113 | 3 | X | | | | | | 5-135640-2 |
| S05 | " | " | | X | " | 1 | | X | | | | | 5-135643 |
| S06 | 4/28/99 | 9:00 | | X | X 114 | 3 | X | | | | | | 5-135644-6 |
| S06 | 4/28/99 | " | | X | " | 1 | | X | | | | | 5-135647 |
| S07 | 4/28/99 | 10:00 | | X | X 115 | 3 | X | | | | | | 5-135651-3 |
| S07 | 4/28/99 | " | | X | " | 1 | | 1 | | | | | 5-135648 |

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|
| [signature] | 4/29/99 1300 | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) / Date / Time |
| | | |

Ship To:
USEPA CRL
536 S. CLARK ST 10TH FLOOR
CHICAGO, IL 60605
ATTN: BILL SANGERT

Airbill Number: 809 216 101 860

Chain of Custody Seal Numbers: 187657/8

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File

Printed on Recycled Paper

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 5
77 West Jackson Boulevard
Chicago, Illinois 60604

# CHAIN OF CUSTODY RECORD

Activity Code:

PROJ. NO.: 99E05
PROJECT NAME: INTERLAKE PROPERTIES

SAMPLERS: (Print Name and Sign) TED PRESCOTT [signature]

| STA. NO. | DATE | TIME | COMP. | GRAB | STATION LOCATION | NO. OF CONTAINERS | Analyte: VOA | DRY WEIGHT | | | | | TAG NUMBERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S08 | 4/28/99 | 12:30 | | X | X211 | 3 | X | | | | | | 5-135654-6 |
| " | 4/28/99 | " | | X | " | 1 | | X | | | | | 5-135649 |
| S09 | 4/28/99 | 13:20 | | X | X213 | 3 | X | | | | | | 5-135657-9 |
| " | 4/28/99 | " | | X | | 1 | | X | | | | | 5-135656 |
| S10 | 4/28/99 | 13:30 | | X | X214 | 3 | X | | | | | | 5-135660-2 |
| " | 4/28/99 | " | | X | " | 1 | | X | | | | | 5-135663 |
| S11 | 4/28/99 | 15:00 | | X | X107 | 3 | X | | | | | | 5-135664-6 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135667 |
| S12 | 4/28/99 | 16:30 | | X | X108 | 3 | X | | | | | | 5-135668-0 |
| " | " | 16:30 | | X | " | 1 | | X | | | | | 5-135671 |
| S13 | 4/28/99 | 17:30 | | X | X202 | 3 | X | | | | | | 5-135672-4 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135675 |
| S14 | 4/28/99 | | | X | X203 | 3 | X | | | | | | 5-135676-8 |
| " | " | | | X | " | 1 | | X | | | | | 5-135677 |

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|
| [signature] | 4/29/99 1000 | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) / Date / Time |
| | | |

Ship To:
USEPA CRL
536 S. CLARK ST 10TH FL
CHICAGO, IL 60605
ATTN: BILL SARGENT

Airbill Number: 809 216 101 860

Chain of Custody Seal Numbers: 187657/8

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File

Printed on Recycled Paper

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 5
77 West Jackson Boulevard
Chicago, Illinois 60604

# CHAIN OF CUSTODY RECORD

PROJ. NO.: 99IE05
PROJECT NAME: INTERLAKE PROPERTIES
Activity Code:

SAMPLERS: (Print Name and Sign)
TED PRESCOTT [signature]

| STA. NO. | DATE | TIME | COMP. | GRAB | STATION LOCATION | NO. OF CONTAINERS | Analyte: VOA | DRY WEIGHT | | | | | TAG NUMBERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S15 | 4/28/99 | 17:15 | | X | X204 S17 | 3 | X | | | | | | 5-135680-2 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135683 |
| S16 | 4/28/99 | 17:00 | | X | X205 | 3 | X | | | | | | 5-135684-6 |
| " | | | | X | " | 1 | | X | | | | | 5-135687 |
| S17 | 4/28/99 | 15:40 | | X | X206 | 3 | X | | | | | | 5-135688-0 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135691 |
| S18 | 4/28/99 | 16:00 | | X | X207 | 3 | X | | | | | | 5-135692-4 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135695 |
| S19 | 4/28/99 | 15:45 | | X | X208 | 3 | X | | | | | | 5-135696-8 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135699 |
| S20 | 4/28/99 | 15:30 | | X | X209 | 3 | X | | | | | | 5-135700-2 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135703 |
| S21 | 4/28/99 | 18:40 | | X | X212 | 3 | X | | | | | | 5-135704-6 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135707 |

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|
| [signature] | 4/29/99 1300 | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) / Date / Time |
| | | |

Ship To:
ATTN: BILL SARGENT

Airbill Number: 809215101860

Chain of Custody Seal Numbers: 187657/8

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 5
77 West Jackson Boulevard
Chicago, Illinois 60604

# CHAIN OF CUSTODY RECORD

PROJ. NO.: 99TE05
PROJECT NAME: INTERLAKE PROPERTIES
Activity Code:
SAMPLERS: (Print Name and Sign) TED PRESCOTT [signature]

| STA. NO. | DATE | TIME | COMP. | GRAB | STATION LOCATION | NO. OF CONTAINERS | Analyte: VOA | DRY WEIGHT | | | | | TAG NUMBERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 522 | 4/29/99 | 11:15 | | X | X 215 | 3 | X | | | | | | 5-135708-0 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135711 |
| 523 | 4/29/99 | 12:00 | | X | X104 | 3 | X | | | | | | 5-135712-4 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135713 |
| 524 | 4/29/99 | 11:30 | | X | X105 | 3 | X | | | | | | 5-135716-8 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135719 |
| 525 | 4/29/99 | 13:00 | | X | X201 | 3 | X | | | | | | 5-135721-3 |
| " | " | | | X | " | 1 | | X | | | | | 5-135720 |
| 526 | 4/29/99 | 13:30 | | X | X101 | 3 | X | | | | | | 5-135724-6 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135727 |
| 527 | 4/29/99 | 10:45 | | X | X102 | 3 | X | | | | | | 5-135728-0 |
| " | " | " | | X | " | 1 | | X | | | | | 5-135731 |
| ~~008~~ | 4/29/99 | " | | X | X103 (DUPLICATE) | 3 | X | | | | | | 5-135732-X |
| " | | " | | X | " | 1 | | X | | | | | 5-135735 |
| | | | | | | | | | | | | | |

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|
| [signature] | 4/29/99 1:00 | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) / Date / Time |
| | | |

Ship To:
USEPA CENTRAL REGION LAB
536 S. CLARK ST 10TH FLOOR
CHICAGO, IL 60605
ATTN: BILL SARGENT

Airbill Number: 807 216 101 860

Chain of Custody Seal Numbers: 1876571 8

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File

ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 5
77 West Jackson Boulevard
Chicago, Illinois 60604

# CHAIN OF CUSTODY RECORD

Activity Code:

PROJ. NO.: 99IE05
PROJECT NAME: INTERLAKE PROPERTIES
SAMPLERS: (Print Name and Sign) TED PRESCOTT [signature]

| STA. NO. | DATE | TIME | COMP. | GRAB | STATION LOCATION | NO. OF CONTAINERS | Analyte: VOA | DRY WEIGHT | | | | | TAG NUMBERS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 528 | 4/29/99 | 14:30 | | V | X210 | 3 | X | | | | | | 5-135625-7 |
| " | " | " | | | " | 1 | | X | | | | | 5-135624 |

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|
| [signature] | 4/29/99 1500 | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) / Date / Time |
| | | |

Ship To:
USEPA CRL
536 S. CLARK ST 10TH FLOOR
CHICAGO, IL 60605
ATTN: BILL SARGENT

Airbill Number: 809 216 101 860

Chain of Custody Seal Numbers: 187657/8

Distribution: White - Accompanies Shipment; Pink - Coordinator Field Files; Yellow - Laboratory File

Printed on Recycled Paper/Printed with Soy Based Ink

# Illinois Environmental Protection Agency Chain of Custody

| Fund | CPC# | Locality | Cooler Initially Dealed By | Date Initially Sealed |
|---|---|---|---|---|
| PR44000 | 0316000025 | Cook | [illegible] | 4/27/99 |
| Section | Site Name | Project Manager | Phone Number | Initial Cooler Seal # |
| | Interlake Property | Mark Densmore | [illegible] | [illegible] |

| Lab Sample No. | SULFATE | AMMONIA | | | | | Field Sample Number | Matrix | No. of Bottles | Date Collected | Time Collected (24 hr clock) | Sampler's Initials | Special Notations |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | X | | | | | | G-102 | WATER | 1 | 4/27/99 | 16:30 | [illegible] | |
| | | X | | | | | G-102 | | 1 | 4/27/99 | 16:30 | [illegible] | |
| | X | | | | | | G-103 | | 1 | 4/27/99 | 16:00 | [illegible] | |
| | | X | | | | | G-103 | | 1 | 4/27/99 | 16:00 | [illegible] | |
| | X | | | | | | G-104 | | 1 | 4/27/99 | 16:00 | [illegible] | |
| | | X | | | | | G-104 | | 1 | 4/27/99 | 16:00 | [illegible] | |

Opener: I certify that I reconnect the sample shipping container with the shipping container sealed and intact.

Sealer: I certify that the samples listed above were collected in my presence and sealed by me.

| Cooler Opened by | Seal No. | Date | Time | Intact | Cooler Sealed By: | Seal No. | Date | Time |
|---|---|---|---|---|---|---|---|---|
| [illegible] | 0000123 | 4/27/99 | 14:20 | Y-N | [illegible] | 0000124 | 4/28/99 | 10:00 |

I certify that I received the cooler containing the above samples with the seal(s) intact.

| Received for Lab by: | Seal No. | Date: | Time: | Intact: |
|---|---|---|---|---|
| | | | | Y-N |

Sample Courier: FED EX

Turnaround Time Requested

Samplers: TED PRESCOTT

Lab Comments:

Supervisor [illegible] Results:

Date:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: _____

SUBJECT: Review of Data
Received for Review on June 9, 1999

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Technical Support Section

for Steve Ostrodka
Richard L Bynum
6/22/99

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: Interlake Properties (IL)

CASE NUMBER: 26961 SDG NUMBER: ECRM8

Number and Type of Samples: 5 water

Sample Numbers: ECRM8,9 ECRN0,1,4

Laboratory: AATSLA Hrs. for Review: 11.5 + 1.0 ack

Following are our findings:

The data are usable and acceptable with the qualifications described in the attached narrative.
Richard L Bynum

CC: Regional TPO
Cecilia Moore
SM-5J

Case Number :26961 SDG Number: ECRM8
Site Name: Interlake Properties (IL) Laboratory: AATSLA

Below is a summary of the out-of-control audits and the possible effects on the data for this case:

Five (5) water samples, numbered ECRM8, 9, ECRN0,1,4, were collected on April 27th, 1999. The lab received the samples on April 30th, 1999 in good condition. All samples were analyzed for the full list of organic analytes except ECRN4, the trip blank, which was analyzed only for volatiles. All were analyzed according to CLP SOW OLMO3.2 3/90.

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 21, 1999

'ase Number :26961 SDG Number: ECRM8
Site Name: Interlake Properties (IL) Laboratory: AATSLA

1. HOLDING TIME
No problems found for this qualification.

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE
No problems found for this qualification.

3. CALIBRATION
The following volatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside primary criteria.
Hits are qualified "J" and non-detects are flagged "UJ".

Acetone
ECRM9, ECRN1, ECRN4, VBLKAG

The following volatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria.
Hits are qualified "J" and non-detects are flagged "UJ".

Acetone
ECRM8, ECRM8MS, ECRM8MSD, ECRN0, VBLKAI, VHBLKAI

The following volatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria.
Hits are qualified "J" and non-detects are qualified "UJ".

Chloromethane, Acetone, 2-Butanone
ECRM8, ECRM8MS, ECRM8MSD, ECRN0, VBLKAI, VHBLKAI

The following semivolatile samples are associated with a continuing calibration whose corresponding initial calibration has relative response factors (RRFs) outside primary criteria.
Hits are flagged "J" and non-detects are qualified "R".

2,4-Dinitrophenol
ECRM8, ECRM8MS, ECRM8MSD, ECRM9, ECRN0, ECRN1, SBLKFJ

The following semivolatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria.
Hits are qualified "J" and non-detects are flagged "UJ".

Hexachlorocyclopentadiene

Case Number :26961 SDG Number: ECRM8
Site Name: Interlake Properties (IL) Laboratory: AATSLA

ECRM8, ECRM8MS, ECRM8MSD, ECRM9, ECRN0, ECRN1, SBLKFJ

The following semivolatile samples are associated with a continuing calibration relative response factor (RRF50) outside primary criteria.
Hits are flagged "J" and non-detects are qualified "R".

2,4-Dinitrophenol
ECRM8, ECRM8MS, ECRM8MSD, ECRM9, ECRN0, ECRN1, SBLKFJ

The following semivolatile samples are associated with a continuing calibration percent difference (%D) outside primary criteria.
Hits are qualified "J" and non-detects are qualified "UJ".

Benzo(g,h,i)perylene
ECRM8, ECRM8MS, ECRM8MSD, ECRM9, ECRN0, ECRN1, SBLKFJ

4. BLANKS

The following volatile samples have analyte concentrations reported above the CRQL and less than or equal to ten times (10X) the associated method blank concentration.
Hits are biased high and qualified "U" or "UJ" and non-detects are not flagged.

Acetone
ECRM9, ECRN1, ECRN4

The blank associated with the following sample was qualified "R" during a previous qualification. Hits and non-detects are not flagged.

ECRM8, ECRM8MS, ECRM8MSD, ECRM9, ECRN0, ECRN1
2,4-Dinitrophenol

The following volatile samples have analyte concentrations reported below the CRQL and less than or equal to ten times (10X) the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL.
Hits are qualified "U" or "UJ" and non-detects are not flagged.

Acetone
ECRN0

The following semivolatile samples have analyte concentrations reported below the CRQL and less than or equal to ten times (10X)

Case Number :26961 SDG Number: ECRM8
Site Name: Interlake Properties (IL) Laboratory: AATSLA

the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL.
Hits are qualified "U" and non-detects are not flagged.

Di-n-butylphthalate
ECRM8MS, ECRM8MSD, ECRM9, ECRN1

5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY
No problems found for this qualification.

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE
The relative percent difference (RPD) between the following volatile matrix spike and matrix spike duplicate recoveries is outside criteria.
Hits are flagged "J"and non-detects are flagged "UJ" in the unspiked sample.

ECRM8MS, ECRM8MSD
1,1-Dichloroethene, Trichloroethene, Benzene, Toluene
Chlorobenzene

The following volatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria.
Hits are flagged "J" and non-detects are flagged "UJ" in the unspike sample.

ECRM8MS
Toluene, Chlorobenzene

The relative percent difference (RPD) between the following pesticid matrix spike and matrix spike duplicate recoveries is outside criteria. Hits are flagged "J" and non-detects are flagged "UJ" in the unspiked sample.

ECRM8MS, ECRM8MSD
4,4'-DDT

The following pesticide matrix spike/matrix spike duplicate, samples have percent recovery outside criteria. Hits are flagged "J" and non-detects are flagged "UJ" in the unspiked sample.

ECRM8MS
Aldrin

7. FIELD BLANK AND FIELD DUPLICATE
Sample ECRN4 was a trip blank and was found to contain one volatile

Case Number :26961 SDG Number: ECRM8
Site Name: Interlake Properties (IL) Laboratory: AATSLA

TIC. Sample ECRN1 is a field blank, this sample contained no volatile TCLs or TICs, one semi-volatile TCL and no TICs and no pesticide/PCB TCLs. Even though samples ECRM9 and ECRN0 had same sampling times, there station locations were different, so it is assumed that these were not field duplicates. Results are not qualified based upon the results of the field blank or field duplicates.

8. INTERNAL STANDARDS

The following semivolatile samples have internal standard area counts that are outside the lower limit of primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

ECRM8MS, ECRM8MSD
Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, and Pesticide/PCB compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following volatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

ECRM9
Carbon Disulfide, Benzene

ECRN0
Carbon Disulfide, Benzene

VBLKAG
Methylene Chloride

VBLKAI
Acetone

The following semivolatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

ECRM8, ECRM8MSD, ECRM9, ECRN0, ECRN1
bis(2-Ethylhexyl)phthalate

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 21, 1999

Case Number :26961 SDG Number: ECRM8
Site Name: Interlake Properties (IL) Laboratory: AATSLA

SBLKFJ
Di-n-butylphthalate

The following pesticide samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

ECRM8
beta-BHC

The following pesticide samples have analytes for which the percent difference between column results exceeds primary criteria. Hits are qualified "J".

ECRM8
beta-BHC

ECRM8MS, ECRM8MSD
Heptachlor

ECRM9, ECRN0
4,4'-DDT

11. SYSTEM PERFORMANCE
GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide analysis was acceptable.

12. ADDITIONAL INFORMATION
None.

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 21, 1999

CADRE Data Qualifier Sheet

| Qualifiers | Data Qualifier Definitions |
|---|---|
| U | The analyte was analyzed for, but was not detected above the reported sample quantitation limit. |
| J | The anlayte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample. |
| UJ | The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample. |
| N | The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification. |
| NJ | The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration. |
| R | The data are unusable. (The compound may or may not be present) |
| H | Sample result is estimated and biased high. |
| L | Sample result is estimated and biased low. |

Volatile Analysis Data - VBLKAG
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM8
LABORATORY: AATS

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | |
|---|---|---|---|---|
| 112-30-1 | 1-DECANOL | 17.22 | 47.000 | JN |

FILE NAME: ECRM8.SDG DATE: 06/04/99 TIME: 15:53 CADRE98 PAGE: 1

Volatile Analysis Data - ECRN1
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM8
LABORATORY: AATS

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|

FILE NAME: ECRM8.SDG DATE: 06/04/99 TIME: 15:53 CADRE98 PAGE: 2

Volatile Analysis Data - ECRN4
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM8
LABORATORY: AATS

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 75-07-0 | ACETALDEHYDE | 3.20 | 5.000 | JN |

FILE NAME: ECRM8.SDG DATE: 06/04/99 TIME: 15:53 CADRE98 PAGE: 3

Semivolatile Analysis Data - SBLKFJ
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM8
LABORATORY: AATS

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 111-76-2 | ETHANOL, 2-BUTOXY- | 2.27 | 4.000 | JN |
| | UNKNOWN | 2.53 | 4.000 | J |
| | UNKNOWN HALOGENATED | 2.60 | 2.000 | J |

FILE NAME: ECRM8.SDG DATE: 06/04/99 TIME: 15:53 CADRE98 PAGE: 4

Semivolatile Analysis Data - ECRM8
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM8
LABORATORY: AATS

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 105-60-2 | CAPROLACTAM | 4.38 | 26.000 | JN |
| | UNKNOWN | 4.88 | 3.000 | J |
| | UNKNOWN | 7.42 | 5.000 | J |

FILE NAME: ECRM8.SDG DATE: 06/04/99 TIME: 15:53 CADRE98 PAGE: 5

Semivolatile Analysis Data - ECRM9
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM8

LABORATORY: AATS

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 2.72 | 2.000 | J |
| 105-60-2 | CAPROLACTAM | 4.38 | 6.000 | JN |
| | UNKNOWN | 7.42 | 3.000 | J |
| | UNKNOWN | 10.45 | 5.000 | J |



Semivolatile Analysis Data - ECRN0
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM8

LABORATORY: AATS

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 105-60-2 | CAPROLACTAM | 4.37 | 5.000 | JN |
| | UNKNOWN | 7.42 | 3.000 | J |

Analytical Results (Qualified Data)



Case #: 26961 SDG: ECRM8
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

Number of Soil Samples : 0
Number of Water Samples : 5

| Sample Number: | ECRM8 | | ECRM8MS | | ECRM8MSD | | ECRM9 | | ECRN0 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | G102 | | G102 | | G102 | | G103 | | G104 | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 04/27/99 | | 04/27/99 | | 04/27/99 | | 04/27/99 | | 04/27/99 | |
| Time Sampled: | 16:30 | | 16:30 | | 16:30 | | 16:00 | | 16:00 | |
| %Moisture: | | | | | | | | | | |
| PH: | | | | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Volatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Chloromethane | 10 | UJ | 10 | UJ | 10 | UJ | 10 | U | 10 | UJ |
| Bromomethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Vinyl Chloride | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Chloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Methylene Chloride | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Acetone | 10 | UJ | 10 | UJ | 10 | UJ | 35 | UJ | 10 | UJ |
| Carbon Disulfide | 10 | U | 10 | U | 10 | U | 6 | J | 4 | J |
| 1,1-Dichloroethene | 10 | UJ | 47 | | 55 | | 10 | U | 10 | U |
| 1,1-Dichloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Total 1,2-Dichloroethene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Chloroform | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,2-Dichloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2-Butanone | 10 | UJ | 10 | UJ | 10 | UJ | 10 | U | 10 | UJ |
| 1,1,1-Trichloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Carbon Tetrachloride | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Bromodichloromethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,2-Dichloropropane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Cis-1,3-Dichloropropene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Trichloroethene | 10 | UJ | 40 | | 49 | | 10 | U | 10 | U |
| Dibromochloromethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,1,2-Trichloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Benzene | 10 | UJ | 40 | | 49 | | 2 | J | 2 | J |
| Trans-1,3-Dichloropropene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Bromoform | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 4-Methyl-2-pentanone | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2-Hexanone | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Tetrachloroethene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,1,2,2-Tetrachloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Toluene | 10 | UJ | 37 | | 46 | | 10 | U | 10 | U |
| Chlorobenzene | 10 | UJ | 36 | | 45 | | 10 | U | 10 | U |
| Ethylbenzene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Styrene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Xylene (total) | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |

Analytical Results (Qualified Data)

Case #: 26961 SDG: ECRM8
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECRN1 | | ECRN4 | | VHBLKAI | | VBLKAG | | VBLKAI | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | FB | | TB | | | | | | | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | | | | | | |
| Time Sampled: | 09:00 | | 11:30 | | | | | | | |
| %Moisture: | | | | | | | | | | |
| PH: | | | | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Volatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Chloromethane | 10 | U | 10 | U | 10 | UJ | 10 | U | 10 | UJ |
| Bromomethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Vinyl Chloride | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Chloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Methylene Chloride | 10 | U | 10 | U | 10 | U | 1 | J | 10 | U |
| Acetone | 38 | UJ | 44 | UJ | 10 | UJ | 30 | J | 2 | J |
| Carbon Disulfide | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,1-Dichloroethene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,1-Dichloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Total 1,2-Dichloroethene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Chloroform | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,2-Dichloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2-Butanone | 10 | U | 10 | U | 10 | UJ | 10 | U | 10 | UJ |
| 1,1,1-Trichloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Carbon Tetrachloride | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Bromodichloromethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,2-Dichloropropane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Cis-1,3-Dichloropropene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Trichloroethene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Dibromochloromethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,1,2-Trichloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Benzene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Trans-1,3-Dichloropropene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Bromoform | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 4-Methyl-2-pentanone | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2-Hexanone | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Tetrachloroethene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,1,2,2-Tetrachloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Toluene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Chlorobenzene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Ethylbenzene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Styrene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Xylene (total) | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |

Analytical Results (Qualified Data)

Case #: 26961 SDG: ECRM8
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

Number of Soil Samples : 0
Number of Water Samples : 4

| Sample Number: | ECRM8 | | ECRM8MS | | ECRM8MSD | | ECRM9 | | ECRN0 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | G102 | | G102 | | G102 | | G103 | | G104 | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 04/27/99 | | 04/27/99 | | 04/27/99 | | 04/27/99 | | 04/27/99 | |
| Time Sampled: | 16:30 | | 16:30 | | 16:30 | | 16:00 | | 16:00 | |
| %Moisture: | | | | | | | | | | |
| PH: | | | | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 10 | U | 50 | | 48 | | 10 | U | 10 | U |
| bis(2-Chloroethyl)ether | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2-Chlorophenol | 10 | U | 52 | | 51 | | 10 | U | 10 | U |
| 1,3-Dichlorobenzene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,4-Dichlorobenzene | 10 | U | 30 | | 28 | | 10 | U | 10 | U |
| 1,2-Dichlorobenzene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2-Methylphenol | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2,2'-oxybis(1-chloropropane) | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 4-Methylphenol | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| N-Nitroso-di-n-propylamine | 10 | U | 39 | | 38 | | 10 | U | 10 | U |
| Hexachloroethane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Nitrobenzene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Isophorone | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2-Nitrophenol | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2,4-Dimethylphenol | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| bis(2-Chloroethoxy)methane | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2,4-Dichlorophenol | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 1,2,4-Trichlorobenzene | 10 | U | 32 | | 31 | | 10 | U | 10 | U |
| Naphthalene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 4-Chloroaniline | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Hexachlorobutadiene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 4-Chloro-3-methylphenol | 10 | U | 60 | | 53 | | 10 | U | 10 | U |
| 2-Methylnaphthalene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Hexachlorocyclopentadiene | 10 | UJ | 10 | UJ | 10 | UJ | 10 | UJ | 10 | UJ |
| 2,4,6-Trichlorophenol | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2,4,5-Trichlorophenol | 25 | U | 25 | U | 25 | U | 25 | U | 25 | U |
| 2-Chloronaphthalene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2-Nitroaniline | 25 | U | 25 | U | 25 | U | 25 | U | 25 | U |
| Dimethylphthalate | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Acenaphthylene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2,6-Dinitrotoluene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 3-Nitroaniline | 25 | U | 25 | U | 25 | U | 25 | U | 25 | U |

| Sample Number: | ECRM8 | | ECRM8MS | | ECRM8MSD | | ECRM9 | | ECRN0 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | G102 | | G102 | | G102 | | G103 | | G104 | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 04/27/99 | | 04/27/99 | | 04/27/99 | | 04/27/99 | | 04/27/99 | |
| Time Sampled: | 16:30 | | 16:30 | | 16:30 | | 16:00 | | 16:00 | |
| %Moisture: | | | | | | | | | | |
| PH: | | | | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 10 | U | 41 | | 37 | | 10 | U | 10 | U |
| 2,4-Dinitrophenol | 25 | R | 25 | R | 25 | R | 25 | R | 25 | R |
| 4-Nitrophenol | 25 | U | 39 | | 38 | | 25 | U | 25 | U |
| Dibenzofuran | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 2,4-Dinitrotoluene | 10 | U | 44 | | 39 | | 10 | U | 10 | U |
| Diethylphthalate | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 4-Chlorophenyl-phenylether | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Fluorene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 4-Nitroaniline | 25 | U | 25 | U | 25 | U | 25 | U | 25 | U |
| 4,6-Dinitro-2-methylphenol | 25 | U | 25 | U | 25 | U | 25 | U | 25 | U |
| N-Nitrosodiphenylamine | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 4-Bromophenyl-phenylether | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Hexachlorobenzene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Pentachlorophenol | 25 | U | 27 | | 34 | | 25 | U | 25 | U |
| Phenanthrene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Anthracene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Carbazole | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Di-n-butylphthalate | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Fluoranthene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Pyrene | 10 | U | 37 | | 31 | | 10 | U | 10 | U |
| Butylbenzylphthalate | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| 3,3'-Dichlorobenzidine | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Benzo(a)anthracene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| Chrysene | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U |
| bis(2-Ethylhexyl)phthalate | 1 | J | 16 | | 2 | J | 4 | J | 1 | J |
| Di-n-octylphthalate | 10 | U | 10 | UJ | 10 | UJ | 10 | U | 10 | U |
| Benzo(b)fluoranthene | 10 | U | 10 | UJ | 10 | UJ | 10 | U | 10 | U |
| Benzo(k)fluoranthene | 10 | U | 10 | UJ | 10 | UJ | 10 | U | 10 | U |
| Benzo(a)pyrene | 10 | U | 10 | UJ | 10 | UJ | 10 | U | 10 | U |
| Indeno(1,2,3-cd)pyrene | 10 | U | 10 | UJ | 10 | UJ | 10 | U | 10 | U |
| Dibenz(a,h)anthracene | 10 | U | 10 | UJ | 10 | UJ | 10 | U | 10 | U |
| Benzo(g,h,i)perylene | 10 | UJ | 10 | UJ | 10 | UJ | 10 | UJ | 10 | UJ |

Analytical Results (Qualified Data)



Case #: 26961
SDG: ECRM8
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number: | ECRN1 | | SBLKFJ | | | | | | | |
| Sampling Location: | FB | | | | | | | | | |
| Matrix: | Water | | Water | | | | | | | |
| Units: | ug/L | | ug/L | | | | | | | |
| Date Sampled: | 04/28/99 | | | | | | | | | |
| Time Sampled: | 09:00 | | | | | | | | | |
| %Moisture: | | | | | | | | | | |
| PH: | | | | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | | | | | | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 10 | U | 10 | U | | | | | | |
| bis(2-Chloroethyl)ether | 10 | U | 10 | U | | | | | | |
| 2-Chlorophenol | 10 | U | 10 | U | | | | | | |
| 1,3-Dichlorobenzene | 10 | U | 10 | U | | | | | | |
| 1,4-Dichlorobenzene | 10 | U | 10 | U | | | | | | |
| 1,2-Dichlorobenzene | 10 | U | 10 | U | | | | | | |
| 2-Methylphenol | 10 | U | 10 | U | | | | | | |
| 2,2'-oxybis(1-chloropropane) | 10 | U | 10 | U | | | | | | |
| 4-Methylphenol | 10 | U | 10 | U | | | | | | |
| N-Nitroso-di-n-propylamine | 10 | U | 10 | U | | | | | | |
| Hexachloroethane | 10 | U | 10 | U | | | | | | |
| Nitrobenzene | 10 | U | 10 | U | | | | | | |
| Isophorone | 10 | U | 10 | U | | | | | | |
| 2-Nitrophenol | 10 | U | 10 | U | | | | | | |
| 2,4-Dimethylphenol | 10 | U | 10 | U | | | | | | |
| bis(2-Chloroethoxy)methane | 10 | U | 10 | U | | | | | | |
| 2,4-Dichlorophenol | 10 | U | 10 | U | | | | | | |
| 1,2,4-Trichlorobenzene | 10 | U | 10 | U | | | | | | |
| Naphthalene | 10 | U | 10 | U | | | | | | |
| 4-Chloroaniline | 10 | U | 10 | U | | | | | | |
| Hexachlorobutadiene | 10 | U | 10 | U | | | | | | |
| 4-Chloro-3-methylphenol | 10 | U | 10 | U | | | | | | |
| 2-Methylnaphthalene | 10 | U | 10 | U | | | | | | |
| Hexachlorocyclopentadiene | 10 | UJ | 10 | UJ | | | | | | |
| 2,4,6-Trichlorophenol | 10 | U | 10 | U | | | | | | |
| 2,4,5-Trichlorophenol | 25 | U | 25 | U | | | | | | |
| 2-Chloronaphthalene | 10 | U | 10 | U | | | | | | |
| 2-Nitroaniline | 25 | U | 25 | U | | | | | | |
| Dimethylphthalate | 10 | U | 10 | U | | | | | | |
| Acenaphthylene | 10 | U | 10 | U | | | | | | |
| 2,6-Dinitrotoluene | 10 | U | 10 | U | | | | | | |
| 3-Nitroaniline | 25 | U | 25 | U | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number: | ECRN1 | | S8LKFJ | | | | | | | |
| Sampling Location: | FB | | | | | | | | | |
| Matrix: | Water | | Water | | | | | | | |
| Units: | ug/L | | ug/L | | | | | | | |
| Date Sampled: | 04/28/99 | | | | | | | | | |
| Time Sampled: | 09:00 | | | | | | | | | |
| %Moisture: | | | | | | | | | | |
| PH: | | | | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | | | | | | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 10 | U | 10 | U | | | | | | |
| 2,4-Dinitrophenol | 25 | R | 25 | R | | | | | | |
| 4-Nitrophenol | 25 | U | 25 | U | | | | | | |
| Dibenzofuran | 10 | U | 10 | U | | | | | | |
| 2,4-Dinitrotoluene | 10 | U | 10 | U | | | | | | |
| Diethylphthalate | 10 | U | 10 | U | | | | | | |
| 4-Chlorophenyl-phenylether | 10 | U | 10 | U | | | | | | |
| Fluorene | 10 | U | 10 | U | | | | | | |
| 4-Nitroaniline | 25 | U | 25 | U | | | | | | |
| 4,6-Dinitro-2-methylphenol | 25 | U | 25 | U | | | | | | |
| N-Nitrosodiphenylamine | 10 | U | 10 | U | | | | | | |
| 4-Bromophenyl-phenylether | 10 | U | 10 | U | | | | | | |
| Hexachlorobenzene | 10 | U | 10 | U | | | | | | |
| Pentachlorophenol | 25 | U | 25 | U | | | | | | |
| Phenanthrene | 10 | U | 10 | U | | | | | | |
| Anthracene | 10 | U | 10 | U | | | | | | |
| Carbazole | 10 | U | 10 | U | | | | | | |
| Di-n-butylphthalate | 10 | U | 3 | J | | | | | | |
| Fluoranthene | 10 | U | 10 | U | | | | | | |
| Pyrene | 10 | U | 10 | U | | | | | | |
| Butylbenzylphthalate | 10 | U | 10 | U | | | | | | |
| 3,3'-Dichlorobenzidine | 10 | U | 10 | U | | | | | | |
| Benzo(a)anthracene | 10 | U | 10 | U | | | | | | |
| Chrysene | 10 | U | 10 | U | | | | | | |
| bis(2-Ethylhexyl)phthalate | 2 | J | 10 | U | | | | | | |
| Di-n-octylphthalate | 10 | U | 10 | U | | | | | | |
| Benzo(b)fluoranthene | 10 | U | 10 | U | | | | | | |
| Benzo(k)fluoranthene | 10 | U | 10 | U | | | | | | |
| Benzo(a)pyrene | 10 | U | 10 | U | | | | | | |
| Indeno(1,2,3-cd)pyrene | 10 | U | 10 | U | | | | | | |
| Dibenz(a,h)anthracene | 10 | U | 10 | U | | | | | | |
| Benzo(g,h,i)perylene | 10 | UJ | 10 | UJ | | | | | | |

Analytical Results (Qualified Data)

Case #: 26961 SDG: ECRM8
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

Number of Soil Samples : 0
Number of Water Samples : 4

| Sample Number: | ECRM8 | | ECRM8MS | | ECRM8MSD | | ECRM9 | | ECRN0 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | G102 | | G102 | | G102 | | G103 | | G104 | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 04/27/99 | | 04/27/99 | | 04/27/99 | | 04/27/99 | | 04/27/99 | |
| Time Sampled: | 16:30 | | 16:30 | | 16:30 | | 16:00 | | 16:00 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7 | | 7 | | 7 | | 7 | | 7 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 2.0 | | 1.0 | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 0.050 | U | 0.050 | U | 0.050 | U | 0.10 | U | 0.050 | U |
| beta-BHC | 0.042 | J | 0.050 | U | 0.050 | U | 0.10 | U | 0.050 | U |
| delta-BHC | 0.050 | U | 0.050 | U | 0.050 | U | 0.10 | U | 0.050 | U |
| gamma-BHC (Lindane) | 0.050 | U | 0.34 | | 0.32 | | 0.10 | U | 0.050 | U |
| Heptachlor | 0.050 | U | 0.25 | J | 0.28 | J | 0.10 | U | 0.050 | U |
| Aldrin | 0.050 | UJ | 0.18 | | 0.21 | | 0.10 | U | 0.050 | U |
| Heptachlor Epoxide | 0.050 | U | 0.050 | U | 0.050 | U | 0.10 | U | 0.050 | U |
| Endosulfan I | 0.050 | U | 0.050 | U | 0.050 | U | 0.10 | U | 0.050 | U |
| Dieldrin | 0.10 | U | 0.55 | | 0.62 | | 0.20 | U | 0.10 | U |
| 4,4'-DDE | 0.10 | U | 0.10 | U | 0.10 | U | 0.20 | U | 0.10 | U |
| Endrin | 0.10 | U | 0.61 | | 0.74 | | 0.20 | U | 0.10 | U |
| Endosulfan II | 0.10 | U | 0.10 | U | 0.10 | U | 0.20 | U | 0.10 | U |
| 4,4'-DDD | 0.10 | U | 0.10 | U | 0.10 | U | 0.20 | U | 0.10 | U |
| Endosulfan Sulfate | 0.10 | U | 0.10 | U | 0.10 | U | 0.20 | U | 0.10 | U |
| 4,4'-DDT | 0.10 | UJ | 0.38 | | 0.90 | | 1.5 | J | 0.40 | J |
| Methoxychlor | 0.50 | U | 0.50 | U | 0.50 | U | 1.0 | U | 0.50 | U |
| Endrin Ketone | 0.10 | U | 0.10 | U | 0.10 | U | 0.20 | U | 0.10 | U |
| Endrin Aldehyde | 0.10 | U | 0.10 | U | 0.10 | U | 0.20 | U | 0.10 | U |
| alpha-Chlordane | 0.050 | U | 0.050 | U | 0.050 | U | 0.10 | U | 0.050 | U |
| gamma-Chlordane | 0.050 | U | 0.050 | U | 0.050 | U | 0.10 | U | 0.050 | U |
| Toxaphene | 5.0 | U | 5.0 | U | 5.0 | U | 10 | U | 5.0 | U |
| Aroclor-1016 | 1.0 | U | 1.0 | U | 1.0 | U | 2.0 | U | 1.0 | U |
| Aroclor-1221 | 2.0 | U | 2.0 | U | 2.0 | U | 4.0 | U | 2.0 | U |
| Aroclor-1232 | 1.0 | U | 1.0 | U | 1.0 | U | 2.0 | U | 1.0 | U |
| Aroclor-1242 | 1.0 | U | 1.0 | U | 1.0 | U | 2.0 | U | 1.0 | U |
| Aroclor-1248 | 1.0 | U | 1.0 | U | 1.0 | U | 2.0 | U | 1.0 | U |
| Aroclor-1254 | 1.0 | U | 1.0 | U | 1.0 | U | 2.0 | U | 1.0 | U |
| Aroclor-1260 | 1.0 | U | 1.0 | U | 1.0 | U | 2.0 | U | 1.0 | U |

Analytical Results (Qualified Data)

Case #: 26961 SDG: ECRM8
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECRN1 | | PBLK1 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | FB | | | | | | | | | |
| Matrix: | Water | | Water | | | | | | | |
| Units: | ug/L | | ug/L | | | | | | | |
| Date Sampled: | 04/28/99 | | | | | | | | | |
| Time Sampled: | 09:00 | | | | | | | | | |
| %Moisture: | | | | | | | | | | |
| PH: | 7 | | 7 | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | | | | | | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 0.050 | U | 0.050 | U | | | | | | |
| beta-BHC | 0.050 | U | 0.050 | U | | | | | | |
| delta-BHC | 0.050 | U | 0.050 | U | | | | | | |
| gamma-BHC (Lindane) | 0.050 | U | 0.050 | U | | | | | | |
| Heptachlor | 0.050 | U | 0.050 | U | | | | | | |
| Aldrin | 0.050 | U | 0.050 | U | | | | | | |
| Heptachlor Epoxide | 0.050 | U | 0.050 | U | | | | | | |
| Endosulfan I | 0.050 | U | 0.050 | U | | | | | | |
| Dieldrin | 0.10 | U | 0.10 | U | | | | | | |
| 4,4'-DDE | 0.10 | U | 0.10 | U | | | | | | |
| Endrin | 0.10 | U | 0.10 | U | | | | | | |
| Endosulfan II | 0.10 | U | 0.10 | U | | | | | | |
| 4,4'-DDD | 0.10 | U | 0.10 | U | | | | | | |
| Endosulfan Sulfate | 0.10 | U | 0.10 | U | | | | | | |
| 4,4'-DDT | 0.10 | U | 0.10 | U | | | | | | |
| Methoxychlor | 0.50 | U | 0.50 | U | | | | | | |
| Endrin Ketone | 0.10 | U | 0.10 | U | | | | | | |
| Endrin Aldehyde | 0.10 | U | 0.10 | U | | | | | | |
| alpha-Chlordane | 0.050 | U | 0.050 | U | | | | | | |
| gamma-Chlordane | 0.050 | U | 0.050 | U | | | | | | |
| Toxaphene | 5.0 | U | 5.0 | U | | | | | | |
| Aroclor-1016 | 1.0 | U | 1.0 | U | | | | | | |
| Aroclor-1221 | 2.0 | U | 2.0 | U | | | | | | |
| Aroclor-1232 | 1.0 | U | 1.0 | U | | | | | | |
| Aroclor-1242 | 1.0 | U | 1.0 | U | | | | | | |
| Aroclor-1248 | 1.0 | U | 1.0 | U | | | | | | |
| Aroclor-1254 | 1.0 | U | 1.0 | U | | | | | | |
| Aroclor-1260 | 1.0 | U | 1.0 | U | | | | | | |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Data Set No: ECRM8 CERCLIS No: ILD ØØØ 81Ø 432

Case No: 26961 Site Name Location: Interlake Property

Contractor or EPA Lab: AATSLA Data User: IEPA

No. of Samples: 5 Date Sampled or Data Received: June 9, 1999

Have Chain-of-Custody records been received? Yes ✓ No ____
Have traffic reports or packing lists been received? Yes ✓ No ____
If no, are traffic report or packing list numbers written on the chain-of-custody record? Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

Are basic data forms in? Yes ✓ No ____
No of samples claimed: 5 No. of samples received: 5

Received by: A. C. Harvey Date: June 9, 1999

Received by LSSS: A. C. Harvey Date: June 9, 1999

Review started: June 16, 1999 Reviewer Signature: [illegible]

Total time spent on review: 1 + 1.0 OCA Date review completed: 21-99

Copied by: Lynette Burnett Date: 6-29-99

Mailed to user by: Lynette Burnett Date: 6-29-99

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffen, Data mgmt. Coordinator, Region V, 5SCRL

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

Received by Data Mgmt. Coordinator for Files. Data: ____

Regional Transmittal Form

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: 06-25-99

SUBJECT: Review of Data
Received for Review on June 8, 1999

FROM: Stephen L. Ostrodka, Chief (HSRL-5J)
Superfund Technical Support Section /LF

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: Interlake Properties (IL)

CASE NUMBER: 26961 SDG NUMBER: MEBWJ1

Number and Type of Samples: 18 (Soil/water)

Sample Numbers: MEBWJ1-5, 7-9 MEBWK0-5 MEBWM4-7

Laboratory: AATS Hrs. for Review: 10.8 +1

Following are our findings:

Most of soil Se and Tl results are unusable (R) due to extremely low spike recovery (<30%). All other data are usable with the qualifications described in the attached narrative.

L. Finkelberg
06-25-99

CC: Cecilia Moore
Region 5 TPO
Mail Code: SM-5J

Case: 26961
Site: Interlake Properties

SDG: MEBWJ1
Laboratory: AATS

## NARRATIVE

The laboratory's portion of this case contains 14 low level soil samples and 4 low level water samples analyzed for total metals and cyanide. The following narrative lists the out-of-control audits and their possible effect on the sample results.

**Evidential audit**: All reporting forms, chain-of-custody, sample tags, DC-1 form and airbill are original documents. All first instrument runs are original except for ICP waters, which are copies; the location of the originals is not documented. ICP soil reruns are also copies; the originals are in CSF#s 26978 SDG# MEBWX8, . All documents are in order as indicated on the inventory sheet except page 406 (sample tag summary sheet) which is listed on the inventory sheet as pages 407 to 424.

### Water Samples (MEBWM4-7)

**ICP Analyses**: The spike recovery for As (128.0%) was greater than the 125% limit indicating a high bias; all results were less than the IDL. All As results are acceptable.

The duplicate RPD for Cr (30.3%) is greater than the limit of 20%; however, the duplicate difference is less than the CRDL. All Cr results are acceptable.

The serial dilution differences for K (47.0%) and Na (44.0%) are greater than the limit of 10%; all results are estimated (J) due to interferences.

**Other Qualifiers**: All mercury results are acceptable.

The spike recovery for cyanide (128.2%) indicates a high bias; cyanide results MEBWM4, MEBWM5 and MEBWM6 are estimated (J). Sample MEBWM7 (field blank) was less than the IDL; the results for this sample are acceptable.

### Soil Samples (MEBWJ1-MEBWK5)

**ICP Analyses**: The spike results for Cr (-322.6%), Pb (-3875.6%) and Mn (-2831.5%) are less than the 75% lower limit; however, the spike concentration is less than four times the sample concentration, thus invalidating the spike as a QC audit. All Cr, Pb and Mn results are acceptable.

The LCS for Na (310.6 mg/kg) was outside the established limits (0-277.4 mg/kg); all Na

samples are estimated (J) due to a high bias.

The spike recovery for Se (0%) indicates a low bias; sample MEBWJ4 is estimated (J) and all other Se results are unusable (R).

The spike recovery for Tl (17.0%) indicates a low bias; samples MEBWJ7 and MEBWK3 are estimated (J) and all other Tl results are unusable (R).

The spike recoveries for V (71.1%) and Zn (68.8%) indicate a low bias; all V and Zn results are estimated (J).

**Other Qualifiers**: The spike recovery for mercury (59.9%) indicates a low bias; all results are estimated (J).

CN

The duplicate RPD (35.7%) is greater than the 35% limit; however, the duplicate difference is less than two times the CRDL. The samples are not qualified on this basis. All CN results are acceptable.

# QC EXCEPTION SUMMARY REPORT

CASE\SAS#: 26961 SITE: INTERLAKE PROPERTIES MATRIX: SOIL/WATER WATER SAMPLE SPK: MEBW1M4

DATA SET: MEBWJ1 LAB: AATS CONC: LOW WATER SAMPLE DUP: MEBW1M4

LAB QC # REVIEWED BY: S. CONNET SOIL SAMPLE SPK: ~~WEB~~ MEBWJ1 6-11-99

DATE: 6-10-99 SOIL SAMPLE DUP: MEBW59

| FORM # | | FORM 2 | FORM 2 | FORM 3 | FORM 3 | FORM 3 | FORM 4 | FORM 5 | FORM 6 | FORM 7 | FORM 7 | FORM 9 | FORM 9 | FORM 6 | FORM 5 | HELD | HELD | HELD | HELD | COMMENTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ELEMENT | HOLD TIME | INITIAL CALIB | WATER ~~CONTIN~~ CALIB BLANK | SOIL CALIB BLANK | PREP WATER BLANK | PREP SOIL BLANK | ICS %R | SOIL SPIKE %R | SOIL DUP RPD | ICS AQ | ICS SOIL | SERIAL DILUTION AQUEOUS | SERIAL DILUTION SOIL | AQ DUP %R | AQ SPIKE %R | BLANK | DUP RPD | BLANK | DUP RPD | |
| ALUMINUM | | | | -21.1 | | -2.74 | | | | | | | | | | | | | | |
| ANTIMONY | | | | | | | | | | | | | | | | | | | | |
| ARSENIC | | | | | | | | | | | | | | | 128.0 | | | | | |
| BARIUM | | | | | | | | | | | | | | | | | | | | |
| BERYLLIUM | | | | | | | | | | | | | | | | | | | | |
| CADMIUM | | | | | | | | | | | | | | | | | | | | |
| CALCIUM | | | | | | | | | | | | | | | | | | | | |
| CHROMIUM | | | | | | | | -322.6 | | | | | | 30.3* | | | | | | |
| COBALT | | | | | | | | | | | | | | | | | | | | |
| COPPER | | | | | | | | | | | | | | | | | | | | |
| IRON | | | | 11.8 | | | | | | | | | | | | | | | | |
| LEAD | | | | | | | | -3875.4 | | | | | | | | | | | | |
| MAGNESIUM | | | | -21.7 | | | | | | | | | | | | | | | | |
| MANGANESE | | | | | | | | -2831.5 | | | | | | | | | | | | |
| MERCURY | | | | 0.105 | | | | 59.9 | | | | | | | | | | | | |
| NICKEL | | | | | | | | | | | | | | | | | | | | |
| POTASSIUM | | | | | | | | | | | | 47.9 | | | | | | | | |
| SELENIUM | | | | | | | | 0 | | | | | | | | | | | | |
| SILVER | | | | | | | | | | | | | | | | | | | | |
| SODIUM | | | | | | | | | | | 310.6 | 44.0 | | | | | | | | |
| THALLIUM | | | | | | | | 17.0 | | | | | | | | | | | | |
| TIN | | | | | | | | | | | | | | | | | | | | |
| VANADIUM | | | | | | | | 71.1 | | | | | | | | | | | | |
| ZINC | | | | | | | | 68.8 | | | | | | | | | | | | |
| CYANIDE | | | | 2.4+ | | | | | 35.7 | | | | | | 128.2 | | | | | |

* POST SPIKE RUN ONLY.

(+ SAMPLES (SPORK)

U.S. EPA - CLP

1

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.:MEBWJ1

SOW No.: ILM04.0

| EPA Sample No. | Lab Sample ID |
|---|---|
| MEBWJ1 | 38320.01 |
| MEBWJ2 | 38320.02 |
| MEBWJ3 | 38320.03 |
| MEBWJ4 | 38320.04 |
| MEBWJ5 | 38320.05 |
| MEBWJ7 | 38320.06 |
| MEBWJ8 | 38320.07 |
| MEBWJ9 | 38320.08 |
| MEBWJ9D | 38320.08D |
| MEBWJ9S | 38320.08S |
| MEBWK0 | 38320.09 |
| MEBWK1 | 38320.10 |
| MEBWK2 | 38320.11 |
| MEBWK3 | 38320.12 |
| MEBWK4 | 38320.13 |
| MEBWK5 | 38320.14 |
| MEBWM4 | 38320.15 |
| MEBWM4D | 38320.15D |
| MEBWM4S | 38320.15S |
| MEBWM5 | 38320.16 |

JUN 08 1999

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES

If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Deborah J. Inman

Date: June 6, 1999 Title: Inorganics Program Manager

U.S. EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

2

Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.:MEBWJ1

SOW No.: ILM04.0

| EPA Sample No. | Lab Sample ID |
|---|---|
| MEBWM6 | 38320.17 |
| MEBWM7 | 38320.18 |

JUN 0 8 1999

Were ICP interelement corrections applied ? Yes/No YES

Were ICP background corrections applied ? Yes/No YES

If yes - were raw data generated before application of background corrections ? Yes/No NO_

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____ Name: Deborah J. Inman

Date: June 6, 1999 Title: Inorganics Program Manager

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWJ1

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS_____ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix (soil/water): SOIL_ Lab Sample ID: 38320.01

Level (low/med): LOW_ Date Received: 04/30/99

% Solids: _73.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4900 | | | P |
| 7440-36-0 | Antimony | 0.80 | U | | P |
| 7440-38-2 | Arsenic | 5.2 | | | P |
| 7440-39-3 | Barium | 90.5 | | | P |
| 7440-41-7 | Beryllium | 0.63 | B | | P |
| 7440-43-9 | Cadmium | 1.2 | B | | P |
| 7440-70-2 | Calcium | 62000 | | | P |
| 7440-47-3 | Chromium | 34.7 | | | P |
| 7440-48-4 | Cobalt | 4.6 | B | | P |
| 7440-50-8 | Copper | 33.6 | | | P |
| 7439-89-6 | Iron | 16200 | | | P |
| 7439-92-1 | Lead | 145 | | | P |
| 7439-95-4 | Magnesium | 24100 | | | P |
| 7439-96-5 | Manganese | 1000 | | | P |
| 7439-97-6 | Mercury | 0.28 | | N | CV |
| 7440-02-0 | Nickel | 15.7 | | | P |
| 7440-09-7 | Potassium | 952 | B | | P |
| 7782-49-2 | Selenium | 0.80 | U | N | P |
| 7440-22-4 | Silver | 0.27 | U | | P |
| 7440-23-5 | Sodium | 514 | B | | P |
| 7440-28-0 | Thallium | 1.3 | U | N | P |
| 7440-62-2 | Vanadium | 18.2 | | N | P |
| 7440-66-6 | Zinc | 242 | | N | P |
| | Cyanide | 0.21 | B | | CA |

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWJ2

Lab Name: AMERICAN ANALYTICAL Contract: 68-D5-0141
Lab Code: AATS Case No.: 26961 SAS No.: SDG No.: MEBWJ1
Matrix (soil/water): SOIL Lab Sample ID: 38320.02
Level (low/med): LOW Date Received: 04/30/99
% Solids: 69.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8050 | | | P |
| 7440-36-0 | Antimony | 1.4 | B | | P |
| 7440-38-2 | Arsenic | 8.2 | | | P |
| 7440-39-3 | Barium | 77.9 | | | P |
| 7440-41-7 | Beryllium | 0.75 | B | | P |
| 7440-43-9 | Cadmium | 0.76 | B | | P |
| 7440-70-2 | Calcium | 34800 | | | P |
| 7440-47-3 | Chromium | 21.2 | | | P |
| 7440-48-4 | Cobalt | 9.7 | B | | P |
| 7440-50-8 | Copper | 57.0 | | | P |
| 7439-89-6 | Iron | 21000 | | | P |
| 7439-92-1 | Lead | 145 | | | P |
| 7439-95-4 | Magnesium | 19300 | | | P |
| 7439-96-5 | Manganese | 378 | | | P |
| 7439-97-6 | Mercury | 0.36 | | N | CV |
| 7440-02-0 | Nickel | 28.8 | | | P |
| 7440-09-7 | Potassium | 1740 | | | P |
| 7782-49-2 | Selenium | 0.86 | U | N | P |
| 7440-22-4 | Silver | 0.30 | B | | P |
| 7440-23-5 | Sodium | 506 | B | | P |
| 7440-28-0 | Thallium | 1.4 | U | N | P |
| 7440-62-2 | Vanadium | 36.6 | | N | P |
| 7440-66-6 | Zinc | 188 | | N | P |
| | Cyanide | 0.35 | B | | CA |

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO. 5

MEBWJ3

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix (soil/water): SOIL_ Lab Sample ID: 38320.03

Level (low/med): LOW__ Date Received: 04/30/99

% Solids: _64.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 7540 | | | P |
| 7440-36-0 | Antimony_ | 0.93 | U | | P |
| 7440-38-2 | Arsenic__ | 6.6 | | | P |
| 7440-39-3 | Barium___ | 85.5 | | | P |
| 7440-41-7 | Beryllium | 0.63 | B | | P |
| 7440-43-9 | Cadmium__ | 1.1 | B | | P |
| 7440-70-2 | Calcium__ | 39900 | | | P |
| 7440-47-3 | Chromium_ | 19.3 | | | P |
| 7440-48-4 | Cobalt___ | 9.5 | B | | P |
| 7440-50-8 | Copper___ | 62.6 | | | P |
| 7439-89-6 | Iron____ | 17800 | | | P |
| 7439-92-1 | Lead____ | 164 | | | P |
| 7439-95-4 | Magnesium | 21000 | | | P |
| 7439-96-5 | Manganese | 385 | | | P |
| 7439-97-6 | Mercury__ | 0.36 | | N | CV |
| 7440-02-0 | Nickel___ | 28.5 | | | P |
| 7440-09-7 | Potassium | 1610 | | | P |
| 7782-49-2 | Selenium_ | 0.93 | U | N | P |
| 7440-22-4 | Silver___ | 0.31 | U | | P |
| 7440-23-5 | Sodium___ | 534 | B | | P |
| 7440-28-0 | Thallium_ | 1.5 | U | N | P |
| 7440-62-2 | Vanadium_ | 20.1 | | N | P |
| 7440-66-6 | Zinc____ | 292 | | N | P |
| | Cyanide__ | 0.29 | B | | CA |

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWJ4

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): SOIL_ Lab Sample ID: 38320.04
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: _71.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 6270 | | | P |
| 7440-36-0 | Antimony_ | 2.7 | B | | P |
| 7440-38-2 | Arsenic__ | 28.0 | | | P |
| 7440-39-3 | Barium___ | 356 | | | P |
| 7440-41-7 | Beryllium | 1.9 | | | P |
| 7440-43-9 | Cadmium__ | 3.2 | | | P |
| 7440-70-2 | Calcium__ | 32300 | | | P |
| 7440-47-3 | Chromium_ | 20.5 | | | P |
| 7440-48-4 | Cobalt___ | 6.4 | B | | P |
| 7440-50-8 | Copper___ | 191 | | | P |
| 7439-89-6 | Iron____ | 21200 | | | P |
| 7439-92-1 | Lead____ | 766 | | | P |
| 7439-95-4 | Magnesium | 13800 | | | P |
| 7439-96-5 | Manganese | 443 | | | P |
| 7439-97-6 | Mercury__ | 0.55 | | N | CV |
| 7440-02-0 | Nickel___ | 22.7 | | | P |
| 7440-09-7 | Potassium | 1000 | B | | P |
| 7782-49-2 | Selenium_ | 1.1 | B | N | P |
| 7440-22-4 | Silver___ | 0.51 | B | | P |
| 7440-23-5 | Sodium___ | 545 | B | | P |
| 7440-28-0 | Thallium_ | 1.4 | U | N | P |
| 7440-62-2 | Vanadium_ | 41.1 | | N | P |
| 7440-66-6 | Zinc____ | 615 | | N | P |
| | Cyanide__ | 0.51 | B | | CA |

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWJ5

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): SOIL_ Lab Sample ID: 38320.05
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: _66.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3440 | | | P |
| 7440-36-0 | Antimony | 1.8 | B | | P |
| 7440-38-2 | Arsenic | 15.7 | | | P |
| 7440-39-3 | Barium | 55.5 | B | | P |
| 7440-41-7 | Beryllium | 0.41 | B | | P |
| 7440-43-9 | Cadmium | 0.47 | B | | P |
| 7440-70-2 | Calcium | 30400 | | | P |
| 7440-47-3 | Chromium | 8.9 | | | P |
| 7440-48-4 | Cobalt | 6.5 | B | | P |
| 7440-50-8 | Copper | 24.9 | | | P |
| 7439-89-6 | Iron | 19800 | | | P |
| 7439-92-1 | Lead | 122 | | | P |
| 7439-95-4 | Magnesium | 14500 | | | P |
| 7439-96-5 | Manganese | 458 | | | P |
| 7439-97-6 | Mercury | 0.26 | | N | CV |
| 7440-02-0 | Nickel | 14.0 | | | P |
| 7440-09-7 | Potassium | 694 | B | | P |
| 7782-49-2 | Selenium | 0.91 | U | N | P |
| 7440-22-4 | Silver | 0.30 | U | | P |
| 7440-23-5 | Sodium | 506 | B | | P |
| 7440-28-0 | Thallium | 1.5 | U | N | P |
| 7440-62-2 | Vanadium | 16.6 | | N | P |
| 7440-66-6 | Zinc | 142 | | N | P |
| | Cyanide | 0.15 | U | | CA |

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWJ7

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): SOIL_ Lab Sample ID: 38320.06
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: _70.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 3140 | | | P |
| 7440-36-0 | Antimony | 6.8 | B | | P |
| 7440-38-2 | Arsenic | 3.4 | | | P |
| 7440-39-3 | Barium | 108 | | | P |
| 7440-41-7 | Beryllium | 0.54 | B | | P |
| 7440-43-9 | Cadmium | 22.5 | | | P |
| 7440-70-2 | Calcium | 107000 | | | P |
| 7440-47-3 | Chromium | 126 | | | P |
| 7440-48-4 | Cobalt | 11.2 | B | | P |
| 7440-50-8 | Copper | 116 | | | P |
| 7439-89-6 | Iron | 346000 | | | P |
| 7439-92-1 | Lead | 1180 | | | P |
| 7439-95-4 | Magnesium | 8330 | | | P |
| 7439-96-5 | Manganese | 11500 | | | P |
| 7439-97-6 | Mercury | 0.21 | | N | CV |
| 7440-02-0 | Nickel | 51.6 | | | P |
| 7440-09-7 | Potassium | 500 | B | | P |
| 7782-49-2 | Selenium | 0.85 | U | N | P |
| 7440-22-4 | Silver | 3.5 | | | P |
| 7440-23-5 | Sodium | 933 | B | | P |
| 7440-28-0 | Thallium | 4.6 | | N | P |
| 7440-62-2 | Vanadium | 80.6 | | N | P |
| 7440-66-6 | Zinc | 12200 | | N | P |
| | Cyanide | 0.86 | | | CA |

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWJ8

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): SOIL_ Lab Sample ID: 38320.07
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: _89.8

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 5940 | | | P |
| 7440-36-0 | Antimony_ | 0.66 | U | | P |
| 7440-38-2 | Arsenic__ | 0.66 | U | | P |
| 7440-39-3 | Barium___ | 94.3 | | | P |
| 7440-41-7 | Beryllium | 1.1 | | | P |
| 7440-43-9 | Cadmium__ | 2.3 | | | P |
| 7440-70-2 | Calcium__ | 237000 | | | P |
| 7440-47-3 | Chromium_ | 2480 | | | P |
| 7440-48-4 | Cobalt___ | 2.4 | B | | P |
| 7440-50-8 | Copper___ | 66.8 | | | P |
| 7439-89-6 | Iron_____ | 132000 | | | P |
| 7439-92-1 | Lead_____ | 1330 | | | P |
| 7439-95-4 | Magnesium | 12800 | | | P |
| 7439-96-5 | Manganese | 44900 | | | P |
| 7439-97-6 | Mercury__ | 0.14 | | N | CV |
| 7440-02-0 | Nickel___ | 31.3 | | | P |
| 7440-09-7 | Potassium | 352 | B | | P |
| 7782-49-2 | Selenium_ | 0.66 | U | N | P |
| 7440-22-4 | Silver___ | 0.22 | U | | P |
| 7440-23-5 | Sodium___ | 529 | B | | P |
| 7440-28-0 | Thallium_ | 1.1 | U | N | P |
| 7440-62-2 | Vanadium_ | 359 | | N | P |
| 7440-66-6 | Zinc_____ | 503 | | N | P |
| | Cyanide__ | 0.58 | | | CA |

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWJ9

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): SOIL_ Lab Sample ID: 38320.08
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: _90.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 8280 | | | P |
| 7440-36-0 | Antimony | 0.67 | U | | P |
| 7440-38-2 | Arsenic | 2.3 | | | P |
| 7440-39-3 | Barium | 121 | | | P |
| 7440-41-7 | Beryllium | 1.2 | | | P |
| 7440-43-9 | Cadmium | 2.4 | | | P |
| 7440-70-2 | Calcium | 217000 | | | P |
| 7440-47-3 | Chromium | 1820 | | | P |
| 7440-48-4 | Cobalt | 2.8 | B | | P |
| 7440-50-8 | Copper | 84.1 | | | P |
| 7439-89-6 | Iron | 93600 | | | P |
| 7439-92-1 | Lead | 1840 | | | P |
| 7439-95-4 | Magnesium | 17200 | | | P |
| 7439-96-5 | Manganese | 35200 | | | P |
| 7439-97-6 | Mercury | 0.32 | | N | CV |
| 7440-02-0 | Nickel | 37.6 | | | P |
| 7440-09-7 | Potassium | 600 | B | | P |
| 7782-49-2 | Selenium | 0.67 | U | N | P |
| 7440-22-4 | Silver | 0.22 | U | | P |
| 7440-23-5 | Sodium | 687 | B | | P |
| 7440-28-0 | Thallium | 1.1 | U | N | P |
| 7440-62-2 | Vanadium | 340 | | N | P |
| 7440-66-6 | Zinc | 307 | | N | P |
| | Cyanide | 0.40 | B | | CA |

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWK0

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix (soil/water): SOIL_ Lab Sample ID: 38320.09

Level (low/med): LOW__ Date Received: 04/30/99

% Solids: _73.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 6640 | | | P |
| 7440-36-0 | Antimony_ | 0.83 | B | | P |
| 7440-38-2 | Arsenic__ | 9.2 | | | P |
| 7440-39-3 | Barium___ | 69.3 | | | P |
| 7440-41-7 | Beryllium | 0.62 | B | | P |
| 7440-43-9 | Cadmium__ | 0.63 | B | | P |
| 7440-70-2 | Calcium__ | 48200 | | | P |
| 7440-47-3 | Chromium_ | 29.8 | | | P |
| 7440-48-4 | Cobalt___ | 10.3 | B | | P |
| 7440-50-8 | Copper___ | 41.9 | | | P |
| 7439-89-6 | Iron____ | 18500 | | | P |
| 7439-92-1 | Lead____ | 92.6 | | | P |
| 7439-95-4 | Magnesium | 22600 | | | P |
| 7439-96-5 | Manganese | 863 | | | P |
| 7439-97-6 | Mercury__ | 0.27 | | N | CV |
| 7440-02-0 | Nickel___ | 27.0 | | | P |
| 7440-09-7 | Potassium | 1590 | | | P |
| 7782-49-2 | Selenium_ | 0.80 | U | N | P |
| 7440-22-4 | Silver___ | 0.27 | U | | P |
| 7440-23-5 | Sodium___ | 606 | B | | P |
| 7440-28-0 | Thallium_ | 1.3 | U | N | P |
| 7440-62-2 | Vanadium_ | 21.9 | | N | P |
| 7440-66-6 | Zinc____ | 197 | | N | P |
| | Cyanide__ | 0.13 | U | | CA |

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWK1

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): SOIL_ Lab Sample ID: 38320.10
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: _54.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 6220 | | | P |
| 7440-36-0 | Antimony_ | 1.7 | B | | P |
| 7440-38-2 | Arsenic__ | 4.8 | | | P |
| 7440-39-3 | Barium___ | 115 | | | P |
| 7440-41-7 | Beryllium | 0.75 | B | | P |
| 7440-43-9 | Cadmium__ | 2.0 | | | P |
| 7440-70-2 | Calcium__ | 21000 | | | P |
| 7440-47-3 | Chromium_ | 53.6 | | | P |
| 7440-48-4 | Cobalt___ | 6.1 | B | | P |
| 7440-50-8 | Copper___ | 53.5 | | | P |
| 7439-89-6 | Iron____ | 17100 | | | P |
| 7439-92-1 | Lead____ | 228 | | | P |
| 7439-95-4 | Magnesium | 9840 | | | P |
| 7439-96-5 | Manganese | 346 | | | P |
| 7439-97-6 | Mercury__ | 0.27 | | N | CV |
| 7440-02-0 | Nickel___ | 18.8 | | | P |
| 7440-09-7 | Potassium | 996 | B | | P |
| 7782-49-2 | Selenium_ | 1.1 | U | N | P |
| 7440-22-4 | Silver___ | 0.49 | B | | P |
| 7440-23-5 | Sodium___ | 636 | B | | P |
| 7440-28-0 | Thallium_ | 1.8 | U | N | P |
| 7440-62-2 | Vanadium_ | 21.8 | | N | P |
| 7440-66-6 | Zinc____ | 346 | | N | P |
| | Cyanide__ | 1.0 | | | CA |

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWK2

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix (soil/water): SOIL_ Lab Sample ID: 38320.11

Level (low/med): LOW__ Date Received: 04/30/99

% Solids: _80.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 8360 | | | P |
| 7440-36-0 | Antimony_ | 1.9 | B | | P |
| 7440-38-2 | Arsenic__ | 0.74 | U | | P |
| 7440-39-3 | Barium___ | 138 | | | P |
| 7440-41-7 | Beryllium | 0.94 | B | | P |
| 7440-43-9 | Cadmium__ | 1.1 | B | | P |
| 7440-70-2 | Calcium__ | 203000 | | | P |
| 7440-47-3 | Chromium_ | 227 | | | P |
| 7440-48-4 | Cobalt___ | 1.4 | B | | P |
| 7440-50-8 | Copper___ | 17.2 | | | P |
| 7439-89-6 | Iron_____ | 103000 | | | P |
| 7439-92-1 | Lead_____ | 89.8 | | | P |
| 7439-95-4 | Magnesium | 24600 | | | P |
| 7439-96-5 | Manganese | 34500 | | | P |
| 7439-97-6 | Mercury__ | 0.13 | | N | CV |
| 7440-02-0 | Nickel___ | 2.7 | B | | P |
| 7440-09-7 | Potassium | 349 | B | | P |
| 7782-49-2 | Selenium_ | 0.74 | U | N | P |
| 7440-22-4 | Silver___ | 0.25 | U | | P |
| 7440-23-5 | Sodium___ | 562 | B | | P |
| 7440-28-0 | Thallium_ | 1.2 | U | N | P |
| 7440-62-2 | Vanadium_ | 233 | | N | P |
| 7440-66-6 | Zinc_____ | 141 | | N | P |
| | Cyanide__ | 0.26 | B | | CA |

Color Before: BROWN____ Clarity Before: _____ Texture: MEDIUM

Color After: YELLOW___ Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWK3

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): SOIL_ Lab Sample ID: 38320.12
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: _83.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5930 | | | P |
| 7440-36-0 | Antimony | 6.9 | B | | P |
| 7440-38-2 | Arsenic | 7.6 | | | P |
| 7440-39-3 | Barium | 78.9 | | | P |
| 7440-41-7 | Beryllium | 0.90 | B | | P |
| 7440-43-9 | Cadmium | 13.1 | | | P |
| 7440-70-2 | Calcium | 65600 | | | P |
| 7440-47-3 | Chromium | 137 | | | P |
| 7440-48-4 | Cobalt | 12.3 | | | P |
| 7440-50-8 | Copper | 143 | | | P |
| 7439-89-6 | Iron | 250000 | | | P |
| 7439-92-1 | Lead | 1060 | | | P |
| 7439-95-4 | Magnesium | 10300 | | | P |
| 7439-96-5 | Manganese | 13200 | | | P |
| 7439-97-6 | Mercury | 0.19 | | N | CV |
| 7440-02-0 | Nickel | 57.0 | | | P |
| 7440-09-7 | Potassium | 878 | B | | P |
| 7782-49-2 | Selenium | 0.72 | U | N | P |
| 7440-22-4 | Silver | 2.2 | B | | P |
| 7440-23-5 | Sodium | 902 | B | | P |
| 7440-28-0 | Thallium | 4.8 | | N | P |
| 7440-62-2 | Vanadium | 118 | | N | P |
| 7440-66-6 | Zinc | 6740 | | N | P |
| | Cyanide | 1.6 | | | CA |

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWK4

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): SOIL_ Lab Sample ID: 38320.13
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: _82.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 1750 | | | P |
| 7440-36-0 | Antimony | 0.79 | B | | P |
| 7440-38-2 | Arsenic | 2.8 | | | P |
| 7440-39-3 | Barium | 19.9 | B | | P |
| 7440-41-7 | Beryllium | 0.24 | B | | P |
| 7440-43-9 | Cadmium | 0.60 | B | | P |
| 7440-70-2 | Calcium | 45200 | | | P |
| 7440-47-3 | Chromium | 13.5 | | | P |
| 7440-48-4 | Cobalt | 4.0 | B | | P |
| 7440-50-8 | Copper | 12.2 | | | P |
| 7439-89-6 | Iron | 8750 | | | P |
| 7439-92-1 | Lead | 39.8 | | | P |
| 7439-95-4 | Magnesium | 24600 | | | P |
| 7439-96-5 | Manganese | 569 | | | P |
| 7439-97-6 | Mercury | 0.14 | | N | CV |
| 7440-02-0 | Nickel | 8.1 | B | | P |
| 7440-09-7 | Potassium | 354 | B | | P |
| 7782-49-2 | Selenium | 0.71 | U | N | P |
| 7440-22-4 | Silver | 0.24 | U | | P |
| 7440-23-5 | Sodium | 375 | B | | P |
| 7440-28-0 | Thallium | 1.2 | U | N | P |
| 7440-62-2 | Vanadium | 12.8 | | N | P |
| 7440-66-6 | Zinc | 263 | | N | P |
| | Cyanide | 0.22 | B | | CA |

Color Before: BROWN Clarity Before: _____ Texture: MEDIUM
Color After: YELLOW Clarity After: _____ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

MEBWK5

Lab Name: AMERICAN ANALYTICAL Contract: 68-D5-0141
Lab Code: AATS Case No.: 26961 SAS No.: SDG No.: MEBWJ1
Matrix (soil/water): SOIL Lab Sample ID: 38320.14
Level (low/med): LOW Date Received: 04/30/99
% Solids: 80.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 6600 | | | P |
| 7440-36-0 | Antimony | 6.3 | B | | P |
| 7440-38-2 | Arsenic | 0.75 | U | | P |
| 7440-39-3 | Barium | 82.9 | | | P |
| 7440-41-7 | Beryllium | 1.0 | B | | P |
| 7440-43-9 | Cadmium | 2.7 | | | P |
| 7440-70-2 | Calcium | 132000 | | | P |
| 7440-47-3 | Chromium | 296 | | | P |
| 7440-48-4 | Cobalt | 8.0 | B | | P |
| 7440-50-8 | Copper | 50.6 | | | P |
| 7439-89-6 | Iron | 270000 | | | P |
| 7439-92-1 | Lead | 131 | | | P |
| 7439-95-4 | Magnesium | 17700 | | | P |
| 7439-96-5 | Manganese | 21600 | | | P |
| 7439-97-6 | Mercury | 0.20 | | N | CV |
| 7440-02-0 | Nickel | 22.8 | | | P |
| 7440-09-7 | Potassium | 443 | B | | P |
| 7782-49-2 | Selenium | 0.75 | U | N | P |
| 7440-22-4 | Silver | 0.28 | B | | P |
| 7440-23-5 | Sodium | 524 | B | | P |
| 7440-28-0 | Thallium | 1.2 | U | N | P |
| 7440-62-2 | Vanadium | 225 | | N | P |
| 7440-66-6 | Zinc | 1400 | | N | P |
| | Cyanide | 0.87 | | | CA |

Color Before: BROWN Clarity Before: Texture: MEDIUM
Color After: YELLOW Clarity After: Artifacts:

Comments:

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.
6102
MEBWM4

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): WATER Lab Sample ID: 38320.15
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 164 | B | | P |
| 7440-36-0 | Antimony_ | 3.0 | U | | P |
| 7440-38-2 | Arsenic__ | 3.0 | U | N | P |
| 7440-39-3 | Barium___ | 929 | | | P |
| 7440-41-7 | Beryllium | 1.0 | U | | P |
| 7440-43-9 | Cadmium__ | 1.0 | U | | P |
| 7440-70-2 | Calcium__ | 199000 | | | P |
| 7440-47-3 | Chromium_ | 6.1 | B | | P |
| 7440-48-4 | Cobalt___ | 5.4 | B | | P |
| 7440-50-8 | Copper___ | 4.4 | B | | P |
| 7439-89-6 | Iron_____ | 8190 | | | P |
| 7439-92-1 | Lead_____ | 8.9 | | | P |
| 7439-95-4 | Magnesium | 272000 | | | P |
| 7439-96-5 | Manganese | 443 | | | P |
| 7439-97-6 | Mercury__ | 0.10 | U | | CV |
| 7440-02-0 | Nickel___ | 4.6 | B | | P |
| 7440-09-7 | Potassium | 59700 | | E | P |
| 7782-49-2 | Selenium_ | 3.0 | U | | P |
| 7440-22-4 | Silver___ | 1.0 | U | | P |
| 7440-23-5 | Sodium___ | 154000 | | E | P |
| 7440-28-0 | Thallium_ | 5.0 | U | | P |
| 7440-62-2 | Vanadium_ | 3.2 | B | | P |
| 7440-66-6 | Zinc_____ | 27.7 | | | P |
| | Cyanide__ | 36.9 | | N | CA |

Color Before: BROWN____ Clarity Before: CLEAR_ Texture: _____
Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

G105
MEBWM5

Lab Name: AMERICAN ANALYTICAL Contract: 68-D5-0141
Lab Code: AATS Case No.: 26961 SAS No.: SDG No.: MEBWJ1
Matrix (soil/water): WATER Lab Sample ID: 38320.16
Level (low/med): LOW Date Received: 04/30/99
% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 105 | B | | P |
| 7440-36-0 | Antimony | 3.0 | U | | P |
| 7440-38-2 | Arsenic | 3.0 | U | N | P |
| 7440-39-3 | Barium | 142 | B | | P |
| 7440-41-7 | Beryllium | 1.0 | U | | P |
| 7440-43-9 | Cadmium | 1.0 | U | | P |
| 7440-70-2 | Calcium | 269000 | | | P |
| 7440-47-3 | Chromium | 4.3 | B | | P |
| 7440-48-4 | Cobalt | 2.3 | B | | P |
| 7440-50-8 | Copper | 3.9 | B | | P |
| 7439-89-6 | Iron | 4030 | | | P |
| 7439-92-1 | Lead | 2.0 | U | | P |
| 7439-95-4 | Magnesium | 98500 | | | P |
| 7439-96-5 | Manganese | 972 | | | P |
| 7439-97-6 | Mercury | 0.10 | U | | CV |
| 7440-02-0 | Nickel | 10.8 | B | | P |
| 7440-09-7 | Potassium | 54000 | | E | P |
| 7782-49-2 | Selenium | 3.0 | U | | P |
| 7440-22-4 | Silver | 1.0 | U | | P |
| 7440-23-5 | Sodium | 257000 | | E | P |
| 7440-28-0 | Thallium | 5.0 | U | | P |
| 7440-62-2 | Vanadium | 1.0 | U | | P |
| 7440-66-6 | Zinc | 19.6 | B | | P |
| | Cyanide | 16.9 | | N | CA |

Color Before: BROWN Clarity Before: CLEAR Texture:
Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

U.S. EPA - CLP

1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

6104
MEBWM6

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): WATER Lab Sample ID: 38320.17
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 134 | B | | P |
| 7440-36-0 | Antimony_ | 3.0 | U | | P |
| 7440-38-2 | Arsenic__ | 3.0 | U | N | P |
| 7440-39-3 | Barium___ | 177 | B | | P |
| 7440-41-7 | Beryllium | 1.0 | U | | P |
| 7440-43-9 | Cadmium__ | 1.0 | U | | P |
| 7440-70-2 | Calcium__ | 273000 | | | P |
| 7440-47-3 | Chromium_ | 2.2 | B | | P |
| 7440-48-4 | Cobalt___ | 2.2 | B | | P |
| 7440-50-8 | Copper___ | 3.8 | B | | P |
| 7439-89-6 | Iron____ | 3710 | | | P |
| 7439-92-1 | Lead____ | 2.0 | U | | P |
| 7439-95-4 | Magnesium | 103000 | | | P |
| 7439-96-5 | Manganese | 958 | | | P |
| 7439-97-6 | Mercury__ | 0.10 | U | | CV |
| 7440-02-0 | Nickel___ | 10.7 | B | | P |
| 7440-09-7 | Potassium | 52500 | | E | P |
| 7782-49-2 | Selenium_ | 3.0 | U | | P |
| 7440-22-4 | Silver___ | 1.0 | U | | P |
| 7440-23-5 | Sodium___ | 260000 | | E | P |
| 7440-28-0 | Thallium_ | 5.0 | U | | P |
| 7440-62-2 | Vanadium_ | 1.0 | U | | P |
| 7440-66-6 | Zinc____ | 14.5 | B | | P |
| | Cyanide__ | 13.3 | | N | CA |

Color Before: BROWN____ Clarity Before: CLEAR_ Texture: _____
Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

U.S. EPA - CLP

1
INORGANIC ANALYSES DATA SHEET



EPA SAMPLE NO.

MEBWM7

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix (soil/water): WATER Lab Sample ID: 38320.18
Level (low/med): LOW__ Date Received: 04/30/99
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

| CAS No. | Analyte | Concentration | C | Q | M |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum_ | 34.3 | B | | P |
| 7440-36-0 | Antimony_ | 3.0 | U | | P |
| 7440-38-2 | Arsenic__ | 3.0 | U | N | P |
| 7440-39-3 | Barium___ | 1.0 | U | | P |
| 7440-41-7 | Beryllium | 1.0 | U | | P |
| 7440-43-9 | Cadmium__ | 1.0 | U | | P |
| 7440-70-2 | Calcium__ | 135 | B | | P |
| 7440-47-3 | Chromium_ | 1.0 | U | | P |
| 7440-48-4 | Cobalt___ | 1.0 | U | | P |
| 7440-50-8 | Copper___ | 2.0 | U | | P |
| 7439-89-6 | Iron____ | 45.0 | B | | P |
| 7439-92-1 | Lead____ | 2.0 | U | | P |
| 7439-95-4 | Magnesium | 34.3 | B | | P |
| 7439-96-5 | Manganese | 1.0 | U | | P |
| 7439-97-6 | Mercury__ | 0.10 | U | | CV |
| 7440-02-0 | Nickel___ | 2.0 | U | | P |
| 7440-09-7 | Potassium | 113 | U | E | P |
| 7782-49-2 | Selenium_ | 3.0 | U | | P |
| 7440-22-4 | Silver___ | 1.0 | U | | P |
| 7440-23-5 | Sodium___ | 219 | B | E | P |
| 7440-28-0 | Thallium_ | 5.0 | U | | P |
| 7440-62-2 | Vanadium_ | 1.0 | U | | P |
| 7440-66-6 | Zinc____ | 14.2 | B | | P |
| | Cyanide__ | 2.0 | U | N | CA |

Color Before: BROWN____ Clarity Before: CLEAR_ Texture: _____
Color After: COLORLESS Clarity After: CLEAR_ Artifacts: _____

Comments:

3
BLANKS

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBW01

Preparation Blank Matrix (soil/water): SOIL_

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 12.0 | U | 12.0 | U | 12.0 | U | 12.0 | U | -2.74 | B | P |
| Antimony | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 0.60 | U | P |
| Arsenic | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 0.60 | U | P |
| Barium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 0.20 | U | P |
| Beryllium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 0.20 | U | P |
| Cadmium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 0.20 | U | P |
| Calcium | 28.0 | U | 28.0 | U | 28.0 | U | 28.0 | U | 5.60 | U | P |
| Chromium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 0.20 | U | P |
| Cobalt | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 0.20 | U | P |
| Copper | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | 0.40 | U | P |
| Iron | 11.0 | U | 11.0 | U | 11.0 | U | 11.0 | U | 2.20 | U | P |
| Lead | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | 0.40 | U | P |
| Magnesium | 19.0 | U | 19.0 | U | 19.0 | U | 19.0 | U | 3.80 | U | P |
| Manganese | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 0.20 | U | P |
| Mercury | 0.1 | B | 0.1 | U | 0.1 | U | 0.1 | U | 0.05 | U | CV |
| Nickel | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | 0.40 | U | P |
| Potassium | 113.0 | U | 113.0 | U | 113.0 | U | 113.0 | U | 22.60 | U | P |
| Selenium | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 0.60 | U | P |
| Silver | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 0.20 | U | P |
| Sodium | 27.0 | U | 27.0 | U | 27.0 | U | 27.0 | U | 5.40 | U | P |
| Thallium | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.00 | U | P |
| Vanadium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 0.20 | U | P |
| Zinc | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 1.00 | U | P |
| Cyanide | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | 0.10 | U | CA |

3
BLANKS

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L_

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | -21.1 | B | 12.0 | U | 12.0 | U | 12.0 | U | 12.00 | U | P |
| Antimony | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.00 | U | P |
| Arsenic | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.00 | U | P |
| Barium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.00 | U | P |
| Beryllium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.00 | U | P |
| Cadmium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.00 | U | P |
| Calcium | 28.0 | U | 28.0 | U | 28.0 | U | 28.0 | U | 28.00 | U | P |
| Chromium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.00 | U | P |
| Cobalt | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.00 | U | P |
| Copper | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | 2.00 | U | P |
| Iron | 11.0 | U | 11.0 | U | 11.0 | U | 11.4 | B | 11.00 | U | P |
| Lead | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | 2.00 | U | [illegible] |
| Magnesium | -21.7 | B | 19.0 | U | 19.0 | U | 19.0 | U | 19.00 | U | [illegible] |
| Manganese | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.00 | U | P |
| Mercury | | | 0.1 | U | 0.1 | U | | | 0.10 | U | CV |
| Nickel | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | 2.00 | U | P |
| Potassium | 113.0 | U | 113.0 | U | 113.0 | U | 113.0 | U | 113.00 | U | P |
| Selenium | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.00 | U | P |
| Silver | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.00 | U | P |
| Sodium | 27.0 | U | 27.0 | U | 27.0 | U | 27.0 | U | 27.00 | U | P |
| Thallium | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.00 | U | P |
| Vanadium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.00 | U | P |
| Zinc | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.00 | U | P |
| Cyanide | | | 2.0 | U | | | | | 2.00 | U | CN |

U.S. EPA - CLP

3
BLANKS

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | -14.5 | B | | | | | | | P |
| Antimony | | | 3.0 | U | | | | | | | P |
| Arsenic | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | | | P |
| Barium | | | 1.0 | U | | | | | | | P |
| Beryllium | | | 1.0 | U | | | | | | | P |
| Cadmium | | | 1.0 | U | | | | | | | P |
| Calcium | | | 28.0 | U | | | | | | | P |
| Chromium | | | 1.0 | U | | | | | | | P |
| Cobalt | | | 1.0 | U | | | | | | | P |
| Copper | | | 2.0 | U | | | | | | | P |
| Iron | | | 11.8 | B | 11.0 | U | | | | | P |
| Lead | | | 2.0 | U | | | | | | | P |
| Magnesium | | | 19.0 | U | | | | | | | P |
| Manganese | | | 1.0 | U | | | | | | | P |
| Mercury | 0.1 | U | 0.1 | U | 0.1 | U | | | | | CV |
| Nickel | | | 2.0 | U | | | | | | | P |
| Potassium | 113.0 | U | 113.0 | U | 113.0 | U | 113.0 | U | | | P |
| Selenium | | | 3.0 | U | | | | | | | P |
| Silver | | | 1.0 | U | | | | | | | P |
| Sodium | 27.0 | U | 27.0 | U | 27.0 | U | 27.0 | U | | | P |
| Thallium | | | 5.0 | U | | | | | | | P |
| Vanadium | | | 1.0 | U | | | | | | | P |
| Zinc | | | 5.0 | U | | | | | | | P |
| Cyanide | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U | | | CA |

3
BLANKS



Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | | | NR |
| Antimony | | | | | | | | | | | NR |
| Arsenic | | | 3.0 | U | | | | | | | P |
| Barium | | | | | | | | | | | NR |
| Beryllium | | | | | | | | | | | NR |
| Cadmium | | | | | | | | | | | NR |
| Calcium | 28.0 | U | 28.0 | U | 28.0 | U | 28.0 | U | | | P |
| Chromium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Cobalt | | | | | | | | | | | NR |
| Copper | | | | | | | | | | | NR |
| Iron | 11.0 | U | 11.0 | U | 11.0 | U | 11.0 | U | | | P |
| Lead | | | | | | | | | | | NR |
| Magnesium | | | | | | | | | | | |
| Manganese | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Mercury | | | | | | | | | | | NR |
| Nickel | | | | | | | | | | | NR |
| Potassium | | | 113.0 | U | | | | | | | P |
| Selenium | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | | | P |
| Silver | | | | | | | | | | | NR |
| Sodium | | | 27.0 | U | | | | | | | P |
| Thallium | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | | | P |
| Vanadium | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Zinc | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | | | P |
| Cyanide | 2.1 | B | 2.4 | B | 2.0 | U | 2.1 | B | | | CA |

U.S. EPA - CLP

3
BLANKS

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | | | |
| Antimony | | | | | | | | | | | |
| Arsenic | | | | | | | | | | | |
| Barium | | | | | | | | | | | |
| Beryllium | | | | | | | | | | | |
| Cadmium | | | | | | | | | | | |
| Calcium | | | 28.0 | U | 28.0 | U | | | | | |
| Chromium | | | 1.0 | U | 1.0 | U | | | | | |
| Cobalt | | | | | | | | | | | |
| Copper | | | | | | | | | | | |
| Iron | | | 11.0 | U | 11.0 | U | | | | | |
| Lead | | | | | | | | | | | |
| Magnesium | | | | | | | | | | | |
| Manganese | | | 1.0 | U | 1.0 | U | | | | | |
| Mercury | | | | | | | | | | | |
| Nickel | | | | | | | | | | | |
| Potassium | | | | | | | | | | | |
| Selenium | | | 3.0 | U | 3.0 | U | | | | | |
| Silver | | | | | | | | | | | |
| Sodium | 27.0 | U | 27.0 | U | 27.0 | U | 27.0 | U | | | |
| Thallium | | | 5.0 | U | 5.0 | U | | | | | |
| Vanadium | | | 1.0 | U | 1.0 | U | | | | | |
| Zinc | | | 5.0 | U | 5.0 | U | | | | | |
| Cyanide | | | | | | | | | | | |

3
BLANKS

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | | | NR |
| Antimony | | | | | | | | | | | NR |
| Arsenic | | | | | | | | | | | NR |
| Barium | | | | | | | | | | | NR |
| Beryllium | | | | | | | | | | | NR |
| Cadmium | | | | | | | | | | | NR |
| Calcium | 28.0 | U | 28.0 | U | 28.0 | U | 28.0 | U | | | P |
| Chromium | | | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Cobalt | | | | | | | | | | | NR |
| Copper | | | | | | | | | | | NR |
| Iron | | | | | | | | | | | NR |
| Lead | | | | | | | | | | | |
| Magnesium | | | | | | | | | | | |
| Manganese | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Mercury | | | | | | | | | | | NR |
| Nickel | | | | | | | | | | | NR |
| Potassium | | | | | | | | | | | NR |
| Selenium | | | 3.0 | U | 3.0 | U | 3.0 | U | | | P |
| Silver | | | | | | | | | | | NR |
| Sodium | | | 27.0 | U | 27.0 | U | | | | | P |
| Thallium | | | 5.0 | U | 5.0 | U | 5.0 | U | | | P |
| Vanadium | | | 1.0 | U | 1.0 | U | 1.0 | U | | | P |
| Zinc | | | 5.0 | U | 5.0 | U | 5.0 | U | | | P |
| Cyanide | | | | | | | | | | | NR |

3
BLANKS



Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBW[illegible]

Preparation Blank Matrix (soil/water): _____

Preparation Blank Concentration Units (ug/L or mg/kg): _____

| Analyte | Initial Calib. Blank (ug/L) | C | Continuing Calibration Blank (ug/L) 1 | C | 2 | C | 3 | C | Prepa-ration Blank | C | M |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | | | [illegible] |
| Antimony | | | | | | | | | | | [illegible] |
| Arsenic | | | | | | | | | | | [illegible] |
| Barium | | | | | | | | | | | [illegible] |
| Beryllium | | | | | | | | | | | [illegible] |
| Cadmium | | | | | | | | | | | [illegible] |
| Calcium | | | 28.0 | U | 28.0 | U | | | | | [illegible] |
| Chromium | | | 1.0 | U | 1.0 | U | | | | | [illegible] |
| Cobalt | | | | | | | | | | | [illegible] |
| Copper | | | | | | | | | | | [illegible] |
| Iron | | | | | | | | | | | [illegible] |
| Lead | | | | | | | | | | | [illegible] |
| Magnesium | | | | | | | | | | | [illegible] |
| Manganese | | | 1.0 | U | 1.0 | U | | | | | [illegible] |
| Mercury | | | | | | | | | | | [illegible] |
| Nickel | | | | | | | | | | | [illegible] |
| Potassium | | | | | | | | | | | [illegible] |
| Selenium | | | 3.0 | U | 3.0 | U | | | | | [illegible] |
| Silver | | | | | | | | | | | [illegible] |
| Sodium | | | | | | | | | | | [illegible] |
| Thallium | | | 5.0 | U | 5.0 | U | | | | | [illegible] |
| Vanadium | | | 1.0 | U | 1.0 | U | | | | | [illegible] |
| Zinc | | | 5.0 | U | 5.0 | U | | | | | [illegible] |
| Cyanide | | | | | | | | | | | [illegible] |

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MEBWJ9S

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
Matrix: __SOIL_____ Level (low/med): _LOW_____
% Solids for Sample: _90.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| Analyte | Control Limit %R | Spiked Sample Result (SSR) | C | Sample Result (SR) | C | Spike Added (SA) | %R | Q | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | NR |
| Antimony | 75-125 | 91.5209 | | 0.6667 | U | 111.11 | 82.4 | | P |
| Arsenic | 75-125 | 13.0767 | | 2.3313 | | 8.89 | 120.9 | | P |
| Barium | 75-125 | 526.6536 | | 121.4922 | | 444.44 | 91.2 | | P |
| Beryllium | 75-125 | 11.7051 | | 1.1864 | | 11.11 | 94.7 | | P |
| Cadmium | 75-125 | 12.5802 | | 2.4322 | | 11.11 | 91.3 | | P |
| Calcium | | | | | | | | | NR |
| Chromium | | 1681.4749 | | 1824.8318 | | 44.44 | -322.6 | | P |
| Cobalt | 75-125 | 106.3707 | | 2.7658 | B | 111.11 | 93.2 | | P |
| Copper | 75-125 | 140.2151 | | 84.0520 | | 55.56 | 101.1 | | P |
| Iron | | | | | | | | | NR |
| Lead | | 1665.2256 | | 1837.3027 | | 4.44 | -3875.6 | | P |
| Magnesium | | | | | | | | | NR |
| Manganese | | 32011.6356 | | 35157.7400 | | 111.11 | -2831.5 | | |
| Mercury | 75-125 | 0.6212 | | 0.3157 | | 0.51 | 59.9 | N | |
| Nickel | 75-125 | 139.4858 | | 37.5736 | | 111.11 | 91.7 | | P |
| Potassium | | | | | | | | | NR |
| Selenium | 75-125 | 0.6667 | U | 0.6667 | U | 2.22 | 0.0 | N | P |
| Silver | 75-125 | 11.6622 | | 0.2222 | U | 11.11 | 105.0 | | P |
| Sodium | | | | | | | | | NR |
| Thallium | 75-125 | 1.8907 | B | 1.1111 | U | 11.11 | 17.0 | N | P |
| Vanadium | 75-125 | 419.1031 | | 340.0562 | | 111.11 | 71.1 | N | P |
| Zinc | 75-125 | 383.3864 | | 306.9253 | | 111.11 | 68.8 | N | P |
| Cyanide | 75-125 | 4.8672 | | 0.4039 | B | 5.39 | 82.8 | | CA |

Comments:

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MEBWM4S

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix: __WATER_____ Level (low/med): _LOW____

% Solids for Sample: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

| Analyte | Control Limit %R | Spiked Sample Result (SSR) | C | Sample Result (SR) | C | Spike Added (SA) | %R | Q | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 75-125 | 2296.7030 | | 164.4390 | B | 2000.00 | 106.6 | | P |
| Antimony | 75-125 | 489.6700 | | 3.0000 | U | 500.00 | 97.9 | | P |
| Arsenic | 75-125 | 51.2170 | | 3.0000 | U | 40.00 | 128.0 | N | P |
| Barium | 75-125 | 2717.1230 | | 928.7010 | | 2000.00 | 89.4 | | P |
| Beryllium | 75-125 | 55.6440 | | 1.0000 | U | 50.00 | 111.3 | | P |
| Cadmium | 75-125 | 48.1290 | | 1.0000 | U | 50.00 | 96.3 | | P |
| Calcium | | | | | | | | | NR |
| Chromium | 75-125 | 200.5880 | | 6.0690 | B | 200.00 | 97.3 | | P |
| Cobalt | 75-125 | 492.5250 | | 5.4340 | B | 500.00 | 97.4 | | P |
| Copper | 75-125 | 248.3570 | | 4.3590 | B | 250.00 | 97.6 | | P |
| Iron | | 9409.9480 | | 8189.4220 | | 1000.00 | 122.1 | | P |
| Lead | 75-125 | 27.5940 | | 8.8960 | | 20.00 | 93.5 | | P |
| Magnesium | | | | | | | | | NR |
| Manganese | 75-125 | 956.2560 | | 442.9740 | | 500.00 | 102.7 | | P |
| Mercury | 75-125 | 0.8810 | | 0.1000 | U | 1.00 | 88.1 | | CV |
| Nickel | 75-125 | 482.2590 | | 4.5530 | B | 500.00 | 95.5 | | P |
| Potassium | | | | | | | | | NR |
| Selenium | 75-125 | 9.9720 | | 3.0000 | U | 10.00 | 99.7 | | P |
| Silver | 75-125 | 51.9820 | | 1.0000 | U | 50.00 | 104.0 | | P |
| Sodium | | | | | | | | | NR |
| Thallium | 75-125 | 53.5710 | | 5.0000 | U | 50.00 | 107.1 | | P |
| Vanadium | 75-125 | 478.9260 | | 3.2390 | B | 500.00 | 95.1 | | P |
| Zinc | 75-125 | 546.8110 | | 27.7440 | | 500.00 | 103.8 | | P |
| Cyanide | 75-125 | 165.0270 | | 36.8530 | | 100.00 | 128.2 | N | CA |

Comments:

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141 | MEBWJ9A

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix: ____SOIL_____ Level (low/med): LOW_____

Concentration Units: ug/L

| Analyte | Control Limit %R | Spiked Sample Result (SSR) | C | Sample Result (SR) | C | Added (SA) | %R | Q | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | NR |
| Antimony | | | | | | | | | NR |
| Arsenic | | 58.84 | | 10.49 | | 74.0 | 65.3 | | P |
| Barium | | | | | | | | | NR |
| Beryllium | | | | | | | | | NR |
| Cadmium | | | | | | | | | NR |
| Calcium | | | | | | | | | NR |
| Chromium | | | | | | | | | NR |
| Cobalt | | | | | | | | | NR |
| Copper | | | | | | | | | NR |
| Iron | | | | | | | | | NR |
| Lead | | | | | | | | | NR |
| Magnesium | | | | | | | | | |
| Manganese | | | | | | | | | |
| Mercury | | | | | | | | | NR |
| Nickel | | | | | | | | | NR |
| Potassium | | | | | | | | | NR |
| Selenium | | 3.00 | U | 3.00 | U | 10.0 | 0.0 | | P |
| Silver | | | | | | | | | NR |
| Sodium | | | | | | | | | NR |
| Thallium | | 5.00 | U | 5.00 | U | 20.0 | 0.0 | | P |
| Vanadium | | 4185.70 | | 1530.25 | | 3000.0 | 88.5 | | P |
| Zinc | | 3854.14 | | 1381.16 | | 2800.0 | 88.3 | | P |
| Cyanide | | | | | | | | | NR |

Comments:

U.S. EPA - CLP

5B
POST DIGEST SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MEBWM4A

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix: ____WATER_____ Level (low/med): LOW_____

Concentration Units: ug/L

| Analyte | Control Limit %R | Spiked Sample Result (SSR) | C | Sample Result (SR) | C | Added (SA) | %R | Q | M |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | | | | | | | NR |
| Antimony | | | | | | | | | NR |
| Arsenic | | 23.03 | | 3.00 | U | 74.0 | 31.1 | | P |
| Barium | | | | | | | | | NR |
| Beryllium | | | | | | | | | NR |
| Cadmium | | | | | | | | | NR |
| Calcium | | | | | | | | | NR |
| Chromium | | | | | | | | | NR |
| Cobalt | | | | | | | | | NR |
| Copper | | | | | | | | | NR |
| Iron | | | | | | | | | NR |
| Lead | | | | | | | | | NR |
| Magnesium | | | | | | | | | NR |
| Manganese | | | | | | | | | NR |
| Mercury | | | | | | | | | NR |
| Nickel | | | | | | | | | NR |
| Potassium | | | | | | | | | NR |
| Selenium | | | | | | | | | NR |
| Silver | | | | | | | | | NR |
| Sodium | | | | | | | | | NR |
| Thallium | | | | | | | | | NR |
| Vanadium | | | | | | | | | NR |
| Zinc | | | | | | | | | NR |
| Cyanide | | 173.03 | | 36.85 | | 74.0 | 184.0 | | CA |

Comments:

4.0

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

MEBWJ9D

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix (soil/water): SOIL_ Level (low/med): _LOW__

% Solids for Sample: _90.0 % Solids for Duplicate: __91.1

Concentration Units (ug/L or mg/kg dry weight): MG/KG

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | M |
|---|---|---|---|---|---|---|---|---|
| Aluminum | | 8279.7758 | | 7846.9640 | | 5.4 | | P |
| Antimony | | 0.6667 | U | 0.6667 | U | | | P |
| Arsenic | 2.2222 | 2.3313 | | 2.3096 | | 0.9 | | P |
| Barium | 44.4444 | 121.4922 | | 119.8096 | | 1.4 | | P |
| Beryllium | 1.1111 | 1.1864 | | 1.2513 | | 5.3 | | P |
| Cadmium | 1.1111 | 2.4322 | | 2.4382 | | 0.2 | | P |
| Calcium | | 216769.4667 | | 208331.4933 | | 4.0 | | P |
| Chromium | | 1824.8318 | | 1979.8407 | | 8.1 | | P |
| Cobalt | | 2.7658 | B | 2.9198 | B | 5.4 | | P |
| Copper | | 84.0520 | | 80.6662 | | 4.1 | | P |
| Iron | | 93648.4978 | | 97767.9911 | | 4.3 | | P |
| Lead | | 1837.3027 | | 1723.8353 | | 6.4 | | P |
| Magnesium | | 17226.7760 | | 18381.8842 | | 6.5 | | P |
| Manganese | | 35157.7400 | | 34824.2067 | | 1.0 | | P |
| Mercury | 0.1010 | 0.3157 | | 0.2576 | | 20.3 | | CV |
| Nickel | 8.8889 | 37.5736 | | 36.4349 | | 3.1 | | P |
| Potassium | | 600.0204 | B | 518.6580 | B | 14.5 | | P |
| Selenium | | 0.6667 | U | 0.6667 | U | | | P |
| Silver | | 0.2222 | U | 0.2222 | U | | | P |
| Sodium | | 686.9489 | B | 645.2564 | B | 6.3 | | P |
| Thallium | | 1.1111 | U | 1.1111 | U | | | P |
| Vanadium | | 340.0562 | | 320.4178 | | 5.9 | | P |
| Zinc | | 306.9253 | | 294.5111 | | 4.1 | | P |
| Cyanide | | 0.4039 | B | 0.2816 | B | 35.7 | | CA |

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

MEBWM4D

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix (soil/water): WATER Level (low/med): _LOW__

% Solids for Sample: __0.0 % Solids for Duplicate: ___0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | M |
|---|---|---|---|---|---|---|---|---|
| Aluminum | | 164.4390 | B | 170.5390 | B | 3.6 | | P |
| Antimony | | 3.0000 | U | 3.0000 | U | | | P |
| Arsenic | | 3.0000 | U | 3.0000 | U | | | P |
| Barium | 200.0 | 928.7010 | | 923.7780 | | 0.5 | | P |
| Beryllium | | 1.0000 | U | 1.0000 | U | | | P |
| Cadmium | | 1.0000 | U | 1.0000 | U | | | P |
| Calcium | | 199041.3590 | | 198883.0520 | | 0.1 | | P |
| Chromium | | 6.0690 | B | 8.2390 | B | 30.3 | | P |
| Cobalt | | 5.4340 | B | 5.4360 | B | 0.0 | | P |
| Copper | | 4.3590 | B | 3.6180 | B | 18.6 | | P |
| Iron | | 8189.4220 | | 8186.7970 | | 0.0 | | P |
| Lead | 3.0 | 8.8960 | | 9.2930 | | 4.4 | | P |
| Magnesium | | 272138.0310 | | 271763.6350 | | 0.1 | | P |
| Manganese | | 442.9740 | | 441.5600 | | 0.3 | | P |
| Mercury | | 0.1000 | U | 0.1000 | U | | | CV |
| Nickel | | 4.5530 | B | 5.4770 | B | 18.4 | | P |
| Potassium | 50000.0 | 59687.0300 | | 59603.7500 | | 0.1 | | P |
| Selenium | | 3.0000 | U | 3.0000 | U | | | P |
| Silver | | 1.0000 | U | 1.0000 | U | | | P |
| Sodium | 50000.0 | 154243.3200 | | 148806.9200 | | 3.6 | | P |
| Thallium | | 5.0000 | U | 5.0000 | U | | | P |
| Vanadium | | 3.2390 | B | 3.3420 | B | 3.1 | | P |
| Zinc | 20.0 | 27.7440 | | 24.2900 | | 13.3 | | P |
| Cyanide | 10.0 | 36.8530 | | 35.2160 | | 4.5 | | CA |

7
LABORATORY CONTROL SAMPLE

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Solid LCS Source: EPA0287_____

Aqueous LCS Source: EPA0392_____

| Analyte | Aqueous (ug/L) True | Found | %R | Solid (mg/kg) True | Found | C | Limits | | %R |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 1956.0 | 1963.10 | 100.4 | 325.0 | 236.1 | | 193.1 | 424.2 | 72.6 |
| Antimony | 970.0 | 1019.85 | 105.1 | 211.0 | 206.3 | | 129.4 | 297.2 | 97.8 |
| Arsenic | | | | 917.0 | 754.6 | | 613.6 | 1247.2 | 82.3 |
| Barium | 2009.0 | 1889.19 | 94.0 | 4.8 | 4.9 | B | 2.5 | 8.1 | 102.1 |
| Beryllium | 476.0 | 476.07 | 100.0 | 19.4 | 17.9 | | 15.3 | 22.2 | 92.3 |
| Cadmium | | | | 45.4 | 39.7 | | 32.1 | 51.1 | 87.4 |
| Calcium | 50711.0 | 47433.27 | 93.5 | 196200.0 | 189742.3 | | 142933.0 | 225376.0 | 96.7 |
| Chromium | 471.0 | 464.96 | 98.7 | 99.6 | 99.4 | | 77.8 | 115.2 | 99.8 |
| Cobalt | 520.0 | 516.28 | 99.3 | 144.0 | 120.4 | | 115.4 | 165.6 | 83.6 |
| Copper | 497.0 | 483.72 | 97.3 | 6910.0 | 6310.0 | | 5727.3 | 7633.1 | 91.3 |
| Iron | 1985.0 | 1934.93 | 97.5 | 22430.0 | 21826.0 | | 16831.3 | 25193.0 | 97.3 |
| Lead | | | | 236.0 | 198.6 | | 167.6 | 280.5 | 84.2 |
| Magnesium | 24588.0 | 24117.42 | 98.1 | 118100.0 | 107677.6 | | 97493.0 | 128886.0 | 91.2 |
| Manganese | 491.0 | 479.72 | 97.7 | 208.0 | 206.6 | | 167.9 | 234.4 | 99.3 |
| Mercury | | | | 12.7 | 12.4 | | 7.8 | 16.9 | [illegible] |
| Nickel | 497.0 | 470.70 | 94.7 | 60.9 | 46.6 | | 43.5 | 70.1 | [illegible] |
| Potassium | 49603.0 | 43432.76 | 87.6 | 50.0 | 60.6 | B | 0.0 | 379.3 | 121.2 |
| Selenium | | | | 39.2 | 46.3 | | 17.6 | 56.4 | 118.1 |
| Silver | | | | 22.2 | 19.1 | | 13.2 | 28.5 | 86.0 |
| Sodium | 48786.0 | 42396.81 | 86.9 | 50.0 | 310.6 | B | 0.0 | 277.4 | 621.2 |
| Thallium | | | | 39.0 | 38.6 | | 24.6 | 51.6 | 99.0 |
| Vanadium | 492.0 | 474.57 | 96.5 | 65.8 | 66.9 | | 53.0 | 78.6 | 101.7 |
| Zinc | 3012.0 | 2870.39 | 95.3 | 187.0 | 194.9 | | 127.7 | 222.1 | 104.2 |
| Cyanide | | | | 5.6 | 6.3 | | 4.1 | 7.1 | 112.5 |

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9
ICP SERIAL DILUTION

EPA SAMPLE NO.

MEBWM4L

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1

Matrix (soil/water): WATER Level (low/med): LOW__

Concentration Units: ug/L

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | M |
|---|---|---|---|---|---|---|---|
| Aluminum | 164.44 | B | 198.49 | B | 20.7 | | P |
| Antimony | 3.00 | U | 15.00 | U | | | P |
| Arsenic | 3.00 | U | 15.00 | U | | | P |
| Barium | 928.70 | | 959.61 | B | 3.3 | | P |
| Beryllium | 1.00 | U | 5.00 | U | | | P |
| Cadmium | 1.00 | U | 5.00 | U | | | P |
| Calcium | 199041.36 | | 213231.10 | | 7.1 | | P |
| Chromium | 6.07 | B | 7.26 | B | 19.6 | | P |
| Cobalt | 5.43 | B | 5.92 | B | 9.0 | | P |
| Copper | 4.36 | B | 10.00 | U | 100.0 | | P |
| Iron | 8189.42 | | 8745.26 | | 6.8 | | P |
| Lead | 8.90 | | 10.00 | U | 100.0 | | P |
| Magnesium | 272138.03 | | 276694.63 | | 1.7 | | P |
| Manganese | 442.97 | | 467.77 | | 5.6 | | P |
| Mercury | | | | | | | NR |
| Nickel | 4.55 | B | 10.00 | U | 100.0 | | P |
| Potassium | 5968.70 | | 3109.93 | B | 47.9 | E | P |
| Selenium | 3.00 | U | 15.00 | U | | | P |
| Silver | 1.00 | U | 5.00 | U | | | P |
| Sodium | 15424.33 | | 8643.33 | B | 44.0 | E | P |
| Thallium | 5.00 | U | 25.00 | U | | | P |
| Vanadium | 3.24 | B | 5.00 | U | 100.0 | | P |
| Zinc | 27.74 | | 35.08 | B | 26.5 | | P |
| Cyanide | | | | | | | NR |

10
Instrument Detection Limits (Quarterly)

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
ICP ID Number: TJA_ET2_____ Date: 04/08/99
Flame AA ID Number : _____
Furnace AA ID Number : _____

| Analyte | Wave-length (nm) | Back-ground | CRDL (ug/L) | IDL (ug/L) | M |
|---|---|---|---|---|---|
| Aluminum | 308.22 | | 200 | 12.0 | P |
| Antimony | 217.58 | | 60 | 3.0 | P |
| Arsenic | 189.04 | | 10 | 3.0 | P |
| Barium | 493.41 | | 200 | 1.0 | P |
| Beryllium | 313.04 | | 5 | 1.0 | P |
| Cadmium | 228.80 | | 5 | 1.0 | P |
| Calcium | 317.93 | | 5000 | 28.0 | P |
| Chromium | 267.72 | | 10 | 1.0 | P |
| Cobalt | 228.62 | | 50 | 1.0 | P |
| Copper | 324.75 | | 25 | 2.0 | P |
| Iron | 259.94 | | 100 | 11.0 | P |
| Lead | 220.35 | | 3 | 2.0 | P |
| Magnesium | 279.08 | | 5000 | 19.0 | P |
| Manganese | 257.61 | | 15 | 1.0 | P |
| Mercury | | | 0.2 | | NR |
| Nickel | 221.60 | | 40 | 2.0 | P |
| Potassium | 776.49 | | 5000 | 113.0 | P |
| Selenium | 203.99 | | 5 | 3.0 | P |
| Silver | 328.07 | | 10 | 1.0 | P |
| Sodium | 588.99 | | 5000 | 27.0 | P |
| Thallium | 190.86 | | 10 | 5.0 | P |
| Vanadium | 292.40 | | 50 | 1.0 | P |
| Zinc | 213.86 | | 20 | 5.0 | P |
| Cyanide | | | 10 | | NR |

Comments:

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10
Instrument Detection Limits (Quarterly)

Lab Name: AMERICAN ANALYTICAL
Lab Code: AATS Case No.: 26961
ICP ID Number:
Flame AA ID Number : PS200A
Furnace AA ID Number :

Contract: 68-D5-0141
SAS No.:
Date: 04/06/99
SDG No.: MEBWJ1

| Analyte | Wave-length (nm) | Back-ground | CRDL (ug/L) | IDL (ug/L) | M |
|---|---|---|---|---|---|
| Aluminum | | | 200 | | NR |
| Antimony | | | 60 | | NR |
| Arsenic | | | 10 | | NR |
| Barium | | | 200 | | NR |
| Beryllium | | | 5 | | NR |
| Cadmium | | | 5 | | NR |
| Calcium | | | 5000 | | NR |
| Chromium | | | 10 | | NR |
| Cobalt | | | 50 | | NR |
| Copper | | | 25 | | NR |
| Iron | | | 100 | | NR |
| Lead | | | 3 | | NR |
| Magnesium | | | 5000 | | NR |
| Manganese | | | 15 | | NR |
| Mercury | 254.00 | | 0.2 | 0.1 | CV |
| Nickel | | | 40 | | NR |
| Potassium | | | 5000 | | NR |
| Selenium | | | 5 | | NR |
| Silver | | | 10 | | NR |
| Sodium | | | 5000 | | NR |
| Thallium | | | 10 | | NR |
| Vanadium | | | 50 | | NR |
| Zinc | | | 20 | | NR |
| Cyanide | | | 10 | | NR |

Comments:

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10
Instrument Detection Limits (Quarterly)

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
ICP ID Number: _____ Date: 04/06/99
Flame AA ID Number : PS200B_____
Furnace AA ID Number : _____

| Analyte | Wave-length (nm) | Back-ground | CRDL (ug/L) | IDL (ug/L) | M |
|---|---|---|---|---|---|
| Aluminum | | | 200 | | NR |
| Antimony | | | 60 | | NR |
| Arsenic | | | 10 | | NR |
| Barium | | | 200 | | NR |
| Beryllium | | | 5 | | NR |
| Cadmium | | | 5 | | NR |
| Calcium | | | 5000 | | NR |
| Chromium | | | 10 | | NR |
| Cobalt | | | 50 | | NR |
| Copper | | | 25 | | NR |
| Iron | | | 100 | | NR |
| Lead | | | 3 | | NR |
| Magnesium | | | 5000 | | NR |
| Manganese | | | 15 | | NR |
| Mercury | 254.00 | | 0.2 | 0.1 | CV |
| Nickel | | | 40 | | NR |
| Potassium | | | 5000 | | NR |
| Selenium | | | 5 | | NR |
| Silver | | | 10 | | NR |
| Sodium | | | 5000 | | NR |
| Thallium | | | 10 | | NR |
| Vanadium | | | 50 | | NR |
| Zinc | | | 20 | | NR |
| Cyanide | | | 10 | | NR |

Comments:

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10
Instrument Detection Limits (Quarterly)

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141
Lab Code: AATS__ Case No.: 26961 SAS No.: _____ SDG No.: MEBWJ1
ICP ID Number: _____ Date: 04/23/99
Flame AA ID Number : LACHAT_____
Furnace AA ID Number : _____

| Analyte | Wave-length (nm) | Back-ground | CRDL (ug/L) | IDL (ug/L) | M |
|---|---|---|---|---|---|
| Aluminum | | | 200 | | NR |
| Antimony | | | 60 | | NR |
| Arsenic | | | 10 | | NR |
| Barium | | | 200 | | NR |
| Beryllium | | | 5 | | NR |
| Cadmium | | | 5 | | NR |
| Calcium | | | 5000 | | NR |
| Chromium | | | 10 | | NR |
| Cobalt | | | 50 | | NR |
| Copper | | | 25 | | NR |
| Iron | | | 100 | | NR |
| Lead | | | 3 | | NR |
| Magnesium | | | 5000 | | NR |
| Manganese | | | 15 | | NR |
| Mercury | | | 0.2 | | NR |
| Nickel | | | 40 | | NR |
| Potassium | | | 5000 | | NR |
| Selenium | | | 5 | | NR |
| Silver | | | 10 | | NR |
| Sodium | | | 5000 | | NR |
| Thallium | | | 10 | | NR |
| Vanadium | | | 50 | | NR |
| Zinc | | | 20 | | NR |
| Cyanide | 578.00 | | 10 | 2.0 | CA |

Comments:

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13
PREPARATION LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.:_26961 SAS No.: _____ SDG No.:MEBWJ1

Method: P_

| EPA Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|---|---|---|---|
| LCSS | 05/11/99 | 1.00 | 200 |
| MEBWJ1 | 05/11/99 | 1.02 | 200 |
| MEBWJ2 | 05/11/99 | 1.00 | 200 |
| MEBWJ3 | 05/11/99 | 1.00 | 200 |
| MEBWJ4 | 05/11/99 | 1.00 | 200 |
| MEBWJ5 | 05/11/99 | 1.00 | 200 |
| MEBWJ7 | 05/11/99 | 1.01 | 200 |
| MEBWJ8 | 05/11/99 | 1.02 | 200 |
| MEBWJ9 | 05/11/99 | 1.00 | 200 |
| MEBWJ9D | 05/11/99 | 1.00 | 200 |
| MEBWJ9S | 05/11/99 | 1.00 | 200 |
| MEBWK0 | 05/11/99 | 1.02 | 200 |
| MEBWK1 | 05/11/99 | 1.02 | 200 |
| MEBWK2 | 05/11/99 | 1.01 | 200 |
| MEBWK3 | 05/11/99 | 1.01 | 200 |
| MEBWK4 | 05/11/99 | 1.03 | 200 |
| MEBWK5 | 05/11/99 | 1.00 | 200 |
| PBS | 05/11/99 | 1.00 | 200 |

13
PREPARATION LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.:_26961 SAS No.: _____ SDG No.:MEBWJ1

Method: CV

| EPA Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|---|---|---|---|
| LCSS | 05/12/99 | 0.20 | 100 |
| MEBWJ1 | 05/12/99 | 0.23 | 100 |
| MEBWJ2 | 05/12/99 | 0.20 | 100 |
| MEBWJ3 | 05/12/99 | 0.22 | 100 |
| MEBWJ4 | 05/12/99 | 0.23 | 100 |
| MEBWJ5 | 05/12/99 | 0.22 | 100 |
| MEBWJ7 | 05/12/99 | 0.21 | 100 |
| MEBWJ8 | 05/12/99 | 0.22 | 100 |
| MEBWJ9 | 05/12/99 | 0.22 | 100 |
| MEBWJ9D | 05/12/99 | 0.22 | 100 |
| MEBWJ9S | 05/12/99 | 0.22 | 100 |
| MEBWK0 | 05/12/99 | 0.20 | 100 |
| MEBWK1 | 05/12/99 | 0.21 | 100 |
| MEBWK2 | 05/12/99 | 0.23 | 100 |
| MEBWK3 | 05/12/99 | 0.20 | 100 |
| MEBWK4 | 05/12/99 | 0.22 | 100 |
| MEBWK5 | 05/12/99 | 0.20 | 100 |
| PBS | 05/12/99 | 0.20 | 100 |

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13
PREPARATION LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.:_26961 SAS No.: _____ SDG No.:MEBWJ1

Method: CA

| EPA Sample No. | Preparation Date | Weight (gram) | Volume (mL) |
|---|---|---|---|
| LCSS | 05/03/99 | 1.00 | 50 |
| MEBWJ1 | 05/03/99 | 1.04 | 50 |
| MEBWJ2 | 05/03/99 | 1.01 | 50 |
| MEBWJ3 | 05/03/99 | 1.04 | 50 |
| MEBWJ4 | 05/03/99 | 1.04 | 50 |
| MEBWJ5 | 05/03/99 | 1.02 | 50 |
| MEBWJ7 | 05/03/99 | 1.01 | 50 |
| MEBWJ8 | 05/03/99 | 1.05 | 50 |
| MEBWJ9 | 05/03/99 | 1.03 | 50 |
| MEBWJ9D | 05/03/99 | 1.03 | 50 |
| MEBWJ9S | 05/03/99 | 1.03 | 50 |
| MEBWK0 | 05/03/99 | 1.03 | 50 |
| MEBWK1 | 05/03/99 | 1.03 | 50 |
| MEBWK2 | 05/03/99 | 1.03 | 50 |
| MEBWK3 | 05/03/99 | 1.04 | 50 |
| MEBWK4 | 05/03/99 | 1.02 | 50 |
| MEBWK5 | 05/03/99 | 1.01 | 50 |
| PBS | 05/03/99 | 1.00 | 50 |

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14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/08/99 End Date: 05/09/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | C N |
| S0 | 1.00 | 2320 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| S | 1.00 | 2325 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ICV | 1.00 | 2331 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ICB | 1.00 | 2336 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CRI | 1.00 | 2342 | | | X | X | | X | X | | X | X | X | | X | | X | _ | X | | X | X | | X | X | X | _ |
| ICSA | 1.00 | 2348 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ICSAB | 1.00 | 0004 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CCV | 1.00 | 0009 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CCB | 1.00 | 0015 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ZZZZZZ | 1.00 | 0020 | | | | | | | | | | | | | | | | _ | | | | | | | | | _ |
| ZZZZZZ | 1.00 | 0026 | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| ZZZZZZ | 1.00 | 0031 | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| ZZZZZ | 1.00 | 0037 | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| BW | 1.00 | 0047 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| LCSW | 1.00 | 0052 | | X | X | _ | X | X | _ | X | X | X | X | X | _ | X | X | _ | X | | | | | | X | X | _ |
| LCSW | 2.00 | 0057 | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | X | _ | _ | X | _ | _ | _ | _ |
| LCSW | 1.00 | 0103 | | | | X | | | X | | | | | | X | | | _ | | | X | X | | X | _ | _ | _ |
| MEBWM5 | 1.00 | 0108 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | _ | X | X | _ | X | X | X | _ |
| ZZZZZZ | 1.00 | 0121 | | | | | | | | | | | | | | | | _ | | _ | | | _ | | | | _ |
| CCV | 1.00 | 0126 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CCB | 1.00 | 0132 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWM6 | 1.00 | 0137 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | | X | X | | X | X | X | _ |
| MEBWM7 | 1.00 | 0143 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWM4 | 1.00 | 0148 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | | X | X | | X | X | X | _ |
| MEBWM4D | 1.00 | 0153 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | _ | X | X | _ | X | X | X | _ |
| MEBWM4S | 1.00 | 0159 | | X | X | X | X | X | X | | X | X | X | X | X | | X | _ | X | _ | X | X | _ | X | X | X | _ |
| MEBWM4L | 5.00 | 0204 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | _ | X | X | _ | X | X | X | _ |
| ZZZZZZ | 1.00 | 0217 | | | | | | | | | | | | | | | | _ | | _ | | | _ | | | | _ |
| CRI | 1.00 | 0222 | | | X | X | _ | X | X | _ | X | X | X | _ | X | _ | X | _ | X | _ | X | X | _ | X | X | X | _ |
| ICSA | 1.00 | 0228 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ICSAB | 1.00 | 0233 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CCV | 1.00 | 0239 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/08/99 End Date: 05/09/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | CN |
| CCB | 1.00 | 0244 | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | X | X | X | X | X | _ |

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14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/10/99 End Date: 05/10/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN |
| S0 | 1.00 | 1505 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| S | 1.00 | 1511 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| ICV | 1.00 | 1516 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| ICB | 1.00 | 1522 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| CRI | 1.00 | 1527 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.00 | 1533 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| ICSAB | 1.00 | 1538 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| CCV | 1.00 | 1544 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| CCB | 1.00 | 1549 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| MEBWM5 | 10.00 | 1555 | | | | | | | | | | | | | | | | | | X | | | X | | | |
| MEBWM6 | 10.00 | 1600 | | | | | | | | | | | | | | | | | | X | | | X | | | |
| MEBWM4 | 10.00 | 1605 | | | | | | | | | | | | | | | | | | X | | | X | | | |
| MEBWM4D | 10.00 | 1611 | | | | | | | | | | | | | | | | | | X | | | X | | | |
| MEBWM4L | 50.00 | 1616 | | | | | | | | | | | | | | | | | | X | | | X | | | |
| MEBWM4A | 1.00 | 1622 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.00 | 1627 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.00 | 1633 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.00 | 1638 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1650 | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1656 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| CCB | 1.00 | 1701 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| ZZZZZZ | 1.00 | 1707 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1712 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1718 | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1730 | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.00 | 1736 | | | | X | | | | | | | | | | | | | | | | | | | | |
| ICSA | 1.00 | 1741 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| ICSAB | 1.00 | 1747 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| CCV | 1.00 | 1752 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| CCB | 1.00 | 1757 | | | | X | | | | | | | | | | | | | | X | | | X | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/12/99 End Date: 05/13/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | CN |
| S0 | 1.00 | 2202 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| S | 1.00 | 2207 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ICV | 1.00 | 2213 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ICB | 1.00 | 2218 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CRI | 1.00 | 2224 | | _ | X | X | _ | X | X | _ | X | X | X | _ | X | _ | X | _ | X | _ | X | X | _ | X | X | X | _ |
| ICSA | 1.00 | 2229 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ICSAB | 1.00 | 2235 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CCV | 1.00 | 2240 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CCB | 1.00 | 2246 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| PBS | 1.00 | 2251 | | X | X | X | X | X | X | _ | | X | X | _ | X | X | _ | _ | X | X | _ | X | X | _ | _ | _ | _ |
| LCSS | 1.00 | 2257 | | X | X | X | X | X | X | _ | _ | X | X | _ | X | X | _ | _ | X | X | _ | X | X | _ | _ | _ | _ |
| LCSS | 5.00 | 2302 | | | | | | | | | | | | _ | | | | | | | | | | | | | _ |
| MEBWJ1 | 1.00 | 2307 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | [illegible] | [illegible] | _ |
| MEBWJ2 | 1.00 | 2313 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWJ3 | 1.00 | 2318 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWJ4 | 1.00 | 2324 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWJ5 | 1.00 | 2329 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWJ7 | 1.00 | 2335 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | _ | X | X | X | X | X | X | X | _ | _ |
| ZZZZZZ | 1.00 | 2347 | | | | | | | | | | | | _ | | | | | | | | | | | | | _ |
| CCV | 1.00 | 2353 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CCB | 1.00 | 2358 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWJ8 | 1.00 | 0003 | | X | X | X | X | X | X | | | X | X | _ | X | X | | _ | X | X | X | X | X | X | X | X | _ |
| MEBWK0 | 1.00 | 0009 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWK1 | 1.00 | 0014 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| MEBWK2 | 1.00 | 0020 | | X | X | X | X | X | X | | X | X | X | _ | X | X | _ | _ | X | X | X | X | X | X | X | X | _ |
| MEBWK3 | 1.00 | 0025 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | _ | X | X | X | X | X | X | X | | _ |
| MEBWK4 | 1.00 | 0031 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ZZZZZZ | 1.00 | 0043 | | | | | | | | | | | | _ | | | | | | | | | | | | | _ |
| CRI | 1.00 | 0049 | | _ | X | X | _ | X | X | _ | X | X | X | _ | X | _ | X | _ | X | _ | X | X | _ | X | X | X | _ |
| ICSA | 1.00 | 0054 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| ICSAB | 1.00 | 0100 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| CCV | 1.00 | 0105 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | _ |
| | | | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/12/99 End Date: 05/13/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | |
| CCB | 1.00 | 0111 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | |
| MEBWK5 | 1.00 | 0116 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | _ | _ | X | X | X | X | X | X | X | X | |
| MEBWJ9 | 1.00 | 0121 | | X | X | X | X | X | X | _ | X | X | X | _ | X | X | _ | _ | X | X | X | X | X | X | X | X | |
| MEBWJ9D | 1.00 | 0127 | | X | X | X | X | X | X | _ | X | X | X | _ | X | X | _ | _ | X | X | X | X | X | X | X | X | |
| MEBWJ9S | 1.00 | 0132 | | | X | X | X | X | X | _ | X | X | X | _ | X | | _ | _ | X | | X | X | | X | X | X | |
| MEBWJ9L | 5.00 | 0138 | | X | X | X | X | X | X | _ | X | X | X | _ | X | X | _ | _ | X | X | X | X | X | X | X | X | |
| ZZZZZZ | 1.00 | 0143 | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| ZZZZZZ | 1.00 | 0156 | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| CRI | 1.00 | 0201 | | _ | X | X | _ | X | X | _ | X | X | X | _ | X | _ | X | _ | X | _ | X | X | _ | X | X | X | |
| ICSA | 1.00 | 0207 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | |
| ICSAB | 1.00 | 0212 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | |
| CCV | 1.00 | 0218 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | |
| CB | 1.00 | 0223 | | X | X | X | X | X | X | X | X | X | X | _ | X | X | X | _ | X | X | X | X | X | X | X | X | |

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/14/99 End Date: 05/15/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | CN |
| S0 | 1.00 | 2310 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| S | 1.00 | 2316 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| ICV | 1.00 | 2321 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| ICB | 1.00 | 2326 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| CRI | 1.00 | 2332 | | — | — | — | — | — | — | | X | — | — | | — | — | X | — | — | — | X | — | — | X | X | X | — |
| ICSA | 1.00 | 2337 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| ICSAB | 1.00 | 2343 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| CCV | 1.00 | 2348 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| CCB | 1.00 | 2354 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| PBS | 1.00 | 2359 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| LCSS | 1.00 | 0005 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| LCSS | 5.00 | 0010 | | — | — | — | — | — | — | X | — | — | — | | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWJ1 | 1.00 | 0016 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWJ2 | 1.00 | 0021 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWJ3 | 1.00 | 0027 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWJ4 | 1.00 | 0032 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWJ5 | 1.00 | 0038 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWJ7 | 1.00 | 0043 | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| ZZZZZZ | 1.00 | 0055 | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| CCV | 1.00 | 0101 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| CCB | 1.00 | 0106 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| MEBWJ8 | 1.00 | 0112 | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWK0 | 1.00 | 0117 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWK1 | 1.00 | 0123 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWK2 | 1.00 | 0128 | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWK3 | 1.00 | 0134 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| MEBWK4 | 1.00 | 0139 | | — | — | — | — | — | — | — | — | — | — | X | — | — | — | — | — | — | — | — | — | — | — | — | — |
| ZZZZZZ | 1.00 | 0151 | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| CRI | 1.00 | 0157 | | — | — | — | — | — | — | — | X | — | — | — | — | — | X | — | — | — | X | — | — | X | X | X | — |
| ICSA | 1.00 | 0202 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| ICSAB | 1.00 | 0208 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |
| CCV | 1.00 | 0213 | | — | — | — | — | — | — | X | X | — | — | X | — | — | X | — | — | — | X | — | — | X | X | X | — |

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/14/99 End Date: 05/15/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | C N |
| CCB | 1.00 | 0219 | | | | | | | | X | X | | | X | | | X | | | | X | | | X | X | X | |
| MEBWK5 | 1.00 | 0224 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ9 | 1.00 | 0230 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ9D | 1.00 | 0235 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ9S | 1.00 | 0241 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ9L | 5.00 | 0246 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ7 | 5.00 | 0252 | | | | | | | | | | | | X | | | X | | | | | | | | | X | |
| MEBWJ8 | 5.00 | 0257 | | | | | | | | X | X | | | X | | | | | | | | | | | | | |
| MEBWK2 | 5.00 | 0303 | | | | | | | | X | | | | X | | | X | | | | | | | | | | |
| MEBWK3 | 5.00 | 0308 | | | | | | | | | | | | X | | | X | | | | | | | | | X | |
| ZZZZZZ | 1.00 | 0320 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 0326 | | | | | | | | X | X | | | X | | | X | | | | X | | | X | X | X | |
| CCB | 1.00 | 0331 | | | | | | | | X | X | | | X | | | X | | | | X | | | X | X | X | |
| MEBWK5 | 5.00 | 0337 | | | | | | | | | | | | X | | | X | | | | | | | | | | |
| MEBWJ9A | 1.00 | 0342 | | | | | | | | | | | | | | | | | | | X | | | X | X | X | |
| ZZZZZZ | 1.00 | 0355 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.00 | 0400 | | | | | | | | | X | | | | | | X | | | | X | | | X | X | X | |
| ICSA | 1.00 | 0406 | | | | | | | | X | X | | | X | | | X | | | | X | | | X | X | X | |
| ICSAB | 1.00 | 0411 | | | | | | | | X | X | | | X | | | X | | | | X | | | X | X | X | |
| CCV | 1.00 | 0417 | | | | | | | | X | X | | | X | | | X | | | | X | | | X | X | X | |
| CCB | 1.00 | 0422 | | | | | | | | X | X | | | X | | | X | | | | X | | | X | X | X | |

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/17/99 End Date: 05/17/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | CN |
| S0 | 1.00 | 1024 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| S | 1.00 | 1030 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| ICV | 1.00 | 1035 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| ICB | 1.00 | 1041 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| CRI | 1.00 | 1046 | | | | | | | | | | | | | | | X | | | | | | | | | | |
| ICSA | 1.00 | 1052 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| ICSAB | 1.00 | 1057 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| CCV | 1.00 | 1103 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| CCB | 1.00 | 1108 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| MEBWJ8 | 10.00 | 1132 | | | | | | | | | | | | | | | X | | | | | | | | | | |
| ZZZZZZ | 5.00 | 1137 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 5.00 | 1143 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZ | 2.00 | 1148 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZ | 5.00 | 1154 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 2.00 | 1159 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1205 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1210 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1215 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1225 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1231 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| CCB | 1.00 | 1236 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| ZZZZZZ | 1.00 | 1242 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1247 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1253 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1258 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1304 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1314 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 1.00 | 1319 | | | | | | | | | | | | | | | X | | | | | | | | | | |
| ICSA | 1.00 | 1325 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| ICSAB | 1.00 | 1330 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| CCV | 1.00 | 1336 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |
| CCB | 1.00 | 1341 | | | | | | | | X | | | | X | | | X | | | | | | X | | | | |

U.S. EPA - CLP

14

ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: TJA ET2_____ Method: P_

Start Date: 05/17/99 End Date: 05/17/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | C |
| ZZZZZZ | 1.00 | 1347 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1352 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1358 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1403 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1409 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| ZZZZZZ | 1.00 | 1418 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| CCV | 1.00 | 1424 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | X | - | - | - | - |
| CCB | 1.00 | 1429 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | X | - | - | - | - |
| MEBWJ9 | 10.00 | 1435 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | - | - | - | - | - |
| MEBWJ9D | 10.00 | 1440 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | - | - | - | - | - |
| MEBWJ9S | 10.00 | 1446 | | - | - | - | - | - | - | | - | - | - | | - | - | X | - | - | - | - | - | - | - | - | - | - |
| MEBWJ9L | 50.00 | 1451 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | - | - | - | - | - |
| ZZZZZ | 1.00 | 1501 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| RI | 1.00 | 1507 | | - | - | - | - | - | - | - | - | - | - | - | - | - | X | - | - | - | - | - | - | - | - | - | - |
| ICSA | 1.00 | 1519 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | X | - | - | - | - |
| ICSAB | 1.00 | 1525 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | X | - | - | - | - |
| CCV | 1.00 | 1530 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | X | - | - | - | - |
| CCB | 1.00 | 1536 | | - | - | - | - | - | - | X | - | - | - | X | - | - | X | - | - | - | - | - | X | - | - | - | - |

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: PS200A_____ Method: CV

Start Date: 05/12/99 End Date: 05/12/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | CN |
| S0 | 1.00 | 1341 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S0.2 | 1.00 | 1345 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S0.5 | 1.00 | 1348 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S1 | 1.00 | 1351 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S5 | 1.00 | 1354 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S10 | 1.00 | 1356 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ICV | 1.00 | 1359 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ICB | 1.00 | 1402 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CRA | 1.00 | 1404 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCV | 1.00 | 1407 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1410 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ZZZZZZ | 1.00 | 1415 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1418 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1421 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1423 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1426 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1429 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1431 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1434 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1437 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1439 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1442 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1445 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ZZZZZZ | 1.00 | 1447 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1450 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1453 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1455 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1458 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1500 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1503 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PBS | 1.00 | 1506 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| LCSS | 10.00 | 1508 | | | | | | | | | | | | | | | | X | | | | | | | | | |

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: PS200A_____ Method: CV

Start Date: 05/12/99 End Date: 05/12/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | C N |
| MEBWJ1 | 1.00 | 1511 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCV | 1.00 | 1514 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1516 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ2 | 1.00 | 1519 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ3 | 1.00 | 1522 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ4 | 1.00 | 1524 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ5 | 1.00 | 1527 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ7 | 1.00 | 1530 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ8 | 1.00 | 1532 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ9 | 1.00 | 1535 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ9D | 1.00 | 1538 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWJ9S | 1.00 | 1540 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWK0 | 1.00 | 1543 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCV | 1.00 | 1546 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1548 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWK1 | 1.00 | 1551 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWK2 | 1.00 | 1554 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWK3 | 1.00 | 1556 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWK4 | 1.00 | 1559 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWK5 | 1.00 | 1602 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCV | 1.00 | 1604 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1607 | | | | | | | | | | | | | | | | X | | | | | | | | | |

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: PS200B_____ Method: CV

Start Date: 05/13/99 End Date: 05/13/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | CN |
| S0 | 1.00 | 1012 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S0.2 | 1.00 | 1015 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S0.5 | 1.00 | 1018 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S1 | 1.00 | 1021 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S5 | 1.00 | 1023 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| S10 | 1.00 | 1026 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ICV | 1.00 | 1029 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ICB | 1.00 | 1032 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CRA | 1.00 | 1035 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCV | 1.00 | 1037 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1040 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| PBW | 1.00 | 1124 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWM4 | 1.00 | 1126 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWM4D | 1.00 | 1129 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWM4S | 1.00 | 1132 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWM5 | 1.00 | 1134 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWM6 | 1.00 | 1137 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| MEBWM7 | 1.00 | 1139 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| ZZZZZZ | 1.00 | 1142 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1145 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1147 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1150 | | | | | | | | | | | | | | | | X | | | | | | | | | |
| CCB | 1.00 | 1153 | | | | | | | | | | | | | | | | X | | | | | | | | | |

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: LACHAT_____ Method: CA

Start Date: 05/05/99 End Date: 05/10/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | C |
| S200 | 1.00 | 1259 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S150 | 1.00 | 1300 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S100 | 1.00 | 1301 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S50 | 1.00 | 1302 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S10 | 1.00 | 1303 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S5 | 1.00 | 1304 | | | | | | | | | | | | | | | | | | | | | | | | | |
| S0 | 1.00 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICV | 1.00 | 1308 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ICB | 1.00 | 1309 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1309 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1310 | | | | | | | | | | | | | | | | | | | | | | | | | |
| PBS | 1.00 | 1312 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ;SS | 1.00 | 1313 | | | | | | | | | | | | | | | | | | | | | | | | | |
| .ZZZZZ | 1.00 | 1314 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ1 | 1.00 | 1315 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ2 | 1.00 | 1315 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ3 | 1.00 | 1316 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1317 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1318 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ4 | 1.00 | 1320 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ5 | 1.00 | 1320 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ7 | 1.00 | 1321 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ8 | 1.00 | 1322 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ9 | 1.00 | 1323 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ9D | 1.00 | 1323 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWJ9S | 1.00 | 1324 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWK0 | 1.00 | 1325 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1326 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCB | 1.00 | 1326 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWK1 | 1.00 | 1329 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWK2 | 1.00 | 1329 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWK3 | 1.00 | 1330 | | | | | | | | | | | | | | | | | | | | | | | | | |

U.S. EPA - CLP

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ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: LACHAT_____ Method: CA

Start Date: 05/05/99 End Date: 05/10/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | CN |
| MEBWK4 | 1.00 | 1331 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| MEBWK5 | 1.00 | 1332 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCV | 1.00 | 1332 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCB | 1.00 | 1333 | | | | | | | | | | | | | | | | | | | | | | | | | X |

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: LACHAT_____ Method: CA

Start Date: 05/06/99 End Date: 05/06/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | C N |
| S200 | 1.00 | 0925 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S150 | 1.00 | 0926 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S100 | 1.00 | 0927 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S50 | 1.00 | 0928 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S10 | 1.00 | 0929 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S5 | 1.00 | 0930 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S0 | 1.00 | 0931 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| ICV | 1.00 | 0934 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| ICB | 1.00 | 0935 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCV | 1.00 | 0936 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCB | 1.00 | 0936 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| PBW | 1.00 | 0939 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| ZZZZZ | 1.00 | 0939 | | | | | | | | | | | | | | | | | | | | | | | | | |
| EBWM4 | 1.00 | 0940 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| MEBWM4D | 1.00 | 0941 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| MEBWM4S | 1.00 | 0941 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| MEBWM5 | 1.00 | 0942 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCV | 1.00 | 0943 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCB | 1.00 | 0944 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| MEBWM6 | 1.00 | 0946 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| MEBWM7 | 1.00 | 0947 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCV | 1.00 | 0947 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCB | 1.00 | 0948 | | | | | | | | | | | | | | | | | | | | | | | | | X |

U.S. EPA - CLP

14
ANALYSIS RUN LOG

Lab Name: AMERICAN_ANALYTICAL_____ Contract: 68-D5-0141

Lab Code: AATS__ Case No.: 26961_ SAS No.: _____ SDG No.:MEBWJ1

Instrument ID Number: LACHAT_____ Method: CA

Start Date: 05/10/99 End Date: 05/10/99

| EPA Sample No. | D/F | Time | % R | Analytes | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | AL | SB | AS | BA | BE | CD | CA | CR | CO | CU | FE | PB | MG | MN | HG | NI | K | SE | AG | NA | TL | V | ZN | CN |
| S200 | 1.00 | 1135 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S150 | 1.00 | 1136 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S100 | 1.00 | 1137 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S50 | 1.00 | 1138 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S10 | 1.00 | 1139 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S5 | 1.00 | 1140 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| S0 | 1.00 | 1141 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| ICV | 1.00 | 1208 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| ICB | 1.00 | 1209 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCV | 1.00 | 1209 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCB | 1.00 | 1210 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| ZZZZZZ | 1.00 | 1212 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1213 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1214 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1215 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1215 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1216 | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCV | 1.00 | 1217 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCB | 1.00 | 1217 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| ZZZZZZ | 1.00 | 1220 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1220 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1221 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1222 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1223 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1223 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | 1.00 | 1224 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEBWM4A | 1.00 | 1225 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCV | 1.00 | 1226 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| CCB | 1.00 | 1226 | | | | | | | | | | | | | | | | | | | | | | | | | X |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**EPA** United States Environmental Protection Agency
Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record
(For Inorganic CLP Analyis)

Case No. 26961

1. Matrix (Enter in Column A)
   1. Surface Water
   2. Ground Water
   3. Leachate
   4. Field QC
   5. Soil/Sediment
   6. Oil (High only)
   7. Waste (High only)
   8. Other (specify in Column A)

2. Preservative (Enter in Column D)
   1. HCl
   2. HNO3
   3. NaOH
   4. $H_2SO_4$
   5. $K_2CR_2O_7$
   6. Ice only
   7. Other (specify in Column D)
   N. Not preserved

2. Region No.: 5
Sampling Co.: IEPA
Sampler (Name): TED PRESCOTT
Sampler Signature: [signature]

3. Purpose*
Lead: SF, PRP, ST, FED
Early Action: CLEM, PA, REM, RI, SI, X ESI
Long-Term Action: FS, RD, RA, O&M, NPLD

4. Date Shipped: 4/29/99
Carrier: FED EX
Airbill Number: 809216101838

5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.
1700 WEST ALBANY, SUITE C
BROKEN ARROW, OK 74012
ATTN: DEBORAH INMAN

6. Date Received -- Received by: S. Hodson 4/30/99
Laboratory Contract Number: 68-D5-0141
Unit Price: $86.50
7. Transfer to:
Date Received:
Received by:
Contract Number:
Price:

| CLP Sample Numbers (from labels) | A Matrix (from Box 1) Other: | B Conc. Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 2) Other: | E – RAS Analysis: Diss. Metals | Total Metals | Cyanide | Low only: $NO_2/NO_3$ | Fluoride | High only: pH | Conduct. | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Organic Sample No. | J Sampler Initials | K High Phases: Solids | Water-Miscible Liq. | Water-Immis. Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MEBWJ1 ~~[illegible]~~ | 5 | | G | 6 | | X | X | | | | | 5-135408 | X101 | | ECCM3 | [initials] | | | |
| MEBWJ2 | 5 | | G | 6 | | X | X | | | | | 5-135410 | X102 | 10:45 | ECCM4 | [initials] | | | |
| MEBWJ3 | 5 | | G | 6 | | X | X | | | | | 5-135412 | X103 | 10:45 | ECCM5 | [initials] | | | |
| MEBWJ4 | 5 | | G | 6 | | X | X | | | | | 5-135414 | X104 | 12:00 | ECCM6 | [initials] | | | |
| MEBWJ5 | 5 | | G | 6 | | X | X | | | | | 5-135416 | X105 | 11:30 | ECCM7 | [initials] | | | |
| ~~MEBWJ6~~ | ~~5~~ | | ~~G~~ | ~~6~~ | | ~~X~~ | ~~X~~ | | | | | ~~5-135418~~ | ~~X106~~ | | ~~ECCM8~~ | | | | |
| MEBWJ7 | 5 | | G | 6 | | X | X | | | | | 5-135420 | X107 | 4/28/99/16:30 | ECCM9 | [initials] | | | |
| MEBWJ8 | 5 | | G | 6 | | X | X | | | | | 5-135422 | X108 | 4/28/99/16:30 | ECCN0 | [initials] | | | |
| MEBWJ9 | 5 | | G | 6 | | X | X | | | | | 5-135424 | X109 | 4/28/99/13:30 | ECCN1 | [initials] | | | |
| MEBWK0 | 5 | | G | 6 | | X | X | | | | | 5-135426 | X110 | 4/28/99/13:00 | ECCN2 | [initials] | | | |

72

RC

Shipment for Case Complete? (Y/N): Y
Page: 1 of 2
Sample(s) to be Used for Laboratory QC: MEBWJ9
Additional Sampler Signatures:
Chain of Custody Seal Number(s): 187655/187656

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [signature] | 4/29/99 1600 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) S. Hodson | 4/30/99 Date / Time 950 | Remarks: Is custody seal intact? Y/N/none 3c | |

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*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

400

EPA United States Environmental Protection Agency Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record
(For Inorganic CLP Analysis)

Case No.: 26961

1. Matrix (Enter in Column A): 1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (specify in Column A)

2. Preservative (Enter in Column D): 1. HCl 2. HNO3 3. NaOH 4. $H_2SO_4$ 5. $K_2CR_2O_7$ 6. Ice only 7. Other (specify in Column D) N. Not preserved

2. Region No.: 5
Sampling Co.: IEPA
Sampler (Name): TED PRESCOTT
Sampler Signature: [illegible]
3. Purpose*: Lead: SF, PRP, ST, FED; Early Action: CLEM, PA, REM, RI, SI, ESI; Long Term Action: FS, RD, RA, O&M, NPLD

4. Date Shipped: 4/29/99
Carrier: FED EX
Airbill Number: 809 216 101 838
5. Ship To: AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC. 1700 WEST ALBANY, SUITE C BROKEN ARROW, OK 74012 ATTN: DEBORAH INMAN

6. Date Received -- Received by: S. Hodson 4/30/99
Laboratory Contract Number: 68-D8-0141
Unit Price: $86.50
7. Transfer to:
Date Received:
Received by:
Contract Number:
Price:

| CLP Sample Numbers (from labels) | A Matrix (from Box 1) Other: | B Conc. Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 2) Other: | E – RAS Analysis: Diss. Metals | Total Metals | Cyanide | Low only: $NO_2/NO_3$ | Fluoride | High only: pH | Conduct. | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Organic Sample No. | J Sampler Initials | K High Phases: Solids | Water-Miscible Liq. | Water-Immis. Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MEBWH1 | 5 | | G | 6 | | X | X | | | | | 5-135428 | X111 | 4/28/99/11.00 | ECCN3 | TP | | | |
| MEBWH2 | 5 | | G | 6 | | X | X | | | | | 5-135430 | X112 | 4/28/99/10:30 | ECCN4 | TP | | | |
| MEBWH3 | 5 | | G | 6 | | X | X | | | | | 5-135432 | X113 | 4/28/99/8:30 | ECCN5 | TP | | | |
| MEBWH4 | 5 | | G | 6 | | X | X | | | | | 5-135434 | X114 | 4/28/99/9:00 | ECCN6 | TP | | | |
| MEBWH5 | 5 | | G | 6 | | X | X | | | | | 5-135436 | X115 | 4/28/99/10:00 | ECCN7 | | | | |
| MEBWH6 | 5 | | G | 6 | | X | X | | | | | 5-135438 | X116 | | ECCN8 | | | | |
| MEBWH7 | 5 | | G | 6 | | X | X | | | | | 5-135440 | X117 | | ECCN9 | | | | |
| MEBWH8 | 5 | | G | 6 | | X | X | | | | | 5-135442 | X118 | | ECCP0 | | | | |

Shipment for Case Complete? (Y/N): Y
Page: 2 of 2
Sample(s) to be Used for Laboratory QC: MEBWJ9
Additional Sampler Signatures:
Chain of Custody Seal Number(s): 187655/187656

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| [illegible] | 4/29/99 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks: Is custody seal intact? (Y)/N/none | |
| | | S. Hodson | 4/30/99 950 | 3c | |

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*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

421-012-14 REV

401

373291

EPA United States Environmental Protection Agency Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record
(For Inorganic CLP Analyis)

Case No. 26761

1. Matrix (Enter in Column A)
1. Surface Water
2. Ground Water
3. Leachate
4. Field QC
5. Soil/Sediment
6. Oil (High only)
7. Waste (High only)
8. Other (specify in Column A)

2. Preservative (Enter in Column D)
1. HCl
2. HNO3
3. NaOH
4. $H_2SO_4$
5. $K_2CR_2O_7$
6. Ice only
7. Other (specify in Column D)
N. Not preserved

2. Region No.: 5
Sampling Co.: IEPA
Sampler (Name): TED PRESCOTT
Sampler Signature:

3. Purpose*
Lead: SF, PRP, ST, FED
Early Action: CLEM, PA, REM, RI, SI, ESI
Long-Term Action: FS, RD, RA, O&M, NPLD

4. Date Shipped: 4/29/99
Carrier: FED EX
Airbill Number: 809 216 101 838

5. Ship To
AMERICAN ANALYTICAL & TESTING SERVICES, INC.
1700 WEST ALBANY, SUITE C
BROKEN ARROW, OK 74012
ATTN: DEBORAH INMAN

6. Date Received -- Received by: S. Hodson 4/30/99
Laboratory Contract Number: 68-D5-0141
Unit Price: $86.50
7. Transfer to:
Date Received
Received by
Contract Number
Price

| CLP Sample Numbers (from labels) | A Matrix (from Box 1) Other: | B Conc. Low Med High | C Sample Type: Comp./Grab | D Preservative (from Box 2) Other: | E – RAS Analysis: Diss. Metals | Total Metals | Cyanide | Low only: $NO_2/NO_3$ | Fluoride | High only: pH | Conduct. | F Regional Specific Tracking Number or Tag Numbers | G Station Location Identifier | H Mo/Day/Year/Time Sample Collection | I Corresponding CLP Organic Sample No. | J Sampler Initials | K High Phases: Solids | Water-Miscible Liq. | Water-Immis. Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MEBWM4 | 2 | L | G | 2 | | X | | | | | | 5-135473-5 | G102 | 4/27/99/16:30 | ECRM8 | TP | | | |
| MEBWM4 | 2 | L | G | 3 | | | X | | | | | 5-135476-8 | G102 | 4/27/99/16:30 | ECRM8 | TP | | | |
| MEBWM5 | 2 | L | G | 2 | | X | | | | | | 5-135479 | G103 | 4/27/99/16:00 | ECRM9 | TP | | | |
| MEBWM5 | 2 | L | G | 3 | | | X | | | | | 5-135480 | G103 | 4/27/99/16:00 | ECRM9 | TP | | | |
| MEBWM6 | 2 | L | G | 2 | | X | | | | | | 5-135481 | G104 | 4/27/99/16:00 | ECRNO | TP | | | |
| MEBWM6 | 2 | L | G | 3 | | | X | | | | | 5-135482 | G104 | 4/27/99/16:00 | ECRNO | TP | | | |
| * MEBWM7 | 2 | L | G | 2 | | X | | | | | | 5-135483 | FB | 4/28/99/9:00 | ECRNI | TP | | | |
| MEBWM7 | 2 | L | G | 3 | | | X | | | | | 5-135484 | FB | 4/28/99/9:00 | ECRNI | TP | | | |

Shipment for Case Complete? (Y/N): Y
Page 1 of 1
Sample(s) to be Used for Laboratory QC: MEBWM4
Additional Sampler Signatures:
Chain of Custody Seal Number(s): 187643/187644

*Last Sample in SDG

## CHAIN OF CUSTODY RECORD

| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
|---|---|---|---|---|---|
| | 4/29/99 15:00 | | | | |
| Relinquished by: (Signature) | Date / Time | Received by: (Signature) | Relinquished by: (Signature) | Date / Time | Received by: (Signature) |
| | | | | | |
| Relinquished by: (Signature) | Date / Time | Received for Laboratory by: (Signature) | Date / Time | Remarks Is custody seal intact? Y/N/none | |
| | | S. Hodson | 4/30/99 1980 | 3C | |

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21-012-14 REV

002

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 West Albany / Broken Arrow, Oklahoma 74012 / Office (918) 251-2858 / Fax (918) 251-2599



## *SDG NARRATIVE*

**CONTRACT: 68-D5-0141** **DATE: June 7, 1999**
**CASE: 26961** **SOW NO.: ILM04.0**
**SDG: MEBWJ1** **EPISODE NO.: 38320**

## INORGANIC METAL FRACTION:

14 soil and 4 water samples were submitted for ICP, CN, and Hg analysis. No major problems occurred during the digestion or analyses of this/these samples. The conditions and cooler temperatures at receipt was 3 degrees Celsius. The sample's analyses were completed according to the following:

| SWL SOP # | Method SOP is based |
|---|---|
| SWL-IN-200 | ILM03.0/04.0 (digestion for ICP analysis) |
| SWL-IN-202 | ILM03.0/04.0 (analysis of Hg by cold vapor) |
| SWL-IN-303 | ILM03.0/04.0 (Cyanide) |

**Initial and Continuing Calibration Checks**: No problems.

**Initial and Continuing Calibration Blanks:** The following element(s) showed low level concentrations below the Contract Required Detection Limit in the Calibration Blanks: Hg, Mg, Fe, and CN. \\No action required.

**Linearity near the CRDL (CRA & CRI):** The CRI standard was outside of our in-house warning limits of 70 - 130%R for the following elements: Hg. \\ No action required.

**Preparation Blanks**: The following elements showed low level concentrations below the Contract Required Detection Limit in the Preparation Blank: PBS = All; PBW = No Problems. \\ No action required.

**Lab Control Spikes:** No problems. Sodium read above the upper control limit. Since the values are all below the CRDL this is advisory only and does not affect the quality of the data.

**Matrix Spikes :** The following elements were outside the control limits of 75-125% recovery: MEBWJ9S = Hg, Se, Tl, V, and Zn; MEBWM4S = As, and CN.
All associated samples were flagged with a "N" on Form I's. No action required.

**Duplicates :** The following elements were outside the control limits of 0-20% RPD: MEBWJ9D = No Problems; MEBWM4D = No Problems.
All associated samples were flagged with a "*" on Form I's. No action required.

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
1700 West Albany / Broken Arrow, Oklahoma 74012 / Office (918) 251-2858 / Fax (918) 251-2599



**Serial Dilution (ICP):** The soil and water serial dilutions were outside the control limits of 10% for the following elements: MEBWJ9L = No prblems; MEBWM4l = K, Na
All associated samples were flagged with an "E" on Form I's. No action required.

Sincerely,

Deborah J. Inman
Inorganic Program Manager

SOUTHWEST LABORATORY OF OKLAHOMA, INC.
AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.
1700 West Albany / Broken Arrow, Oklahoma 74012 / Office (918) 251-2858 / Fax (918) 251-2599

## CLIENT/LABORATORY COMMUNICATION SYSTEM
### Telephone Record Log

SWL ___ / AAT X  In reference to (Case) / Contract / Proposal 26961

Date of Call: 5-10-99

Laboratory Contact: Deborah Inman

Client Name: CLASS Region 5

Client Contact: Charles Hutchinson

Call Initiated By: ___ Laboratory  X Region

In reference to data for the following sample number(s):

MEBWKS

Summary of Questions/Issues Discussed:

This sample was marked off on the TR but was listed on the coversheet. Was analysis performed on this sample.

Summary of Resolution:

The analysis has been started on this sample. The Lab had interpreted the "OK" on the TR by the sampler as meaning the sample was not supposed to be marked off since the sample was recieved

CLASS oked the sample for analysis

Signature: [signature]  Date: 5-10-99

Distribution: (1) Lab Copy, (2) Region Copy, (3) CLASS Copy

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Data Set No: _____ CERCLIS No: 1422

Case No: 26961 Site Name Location: Interlake Propertie

Contractor or EPA Lab: AATS Data User: IEPA

No. of Samples: 18 Date Sampled or Data Received: 6-8-99

Have Chain-of-Custody records been received? Yes ✓ No ✓
Have traffic reports or packing lists been received? Yes ____ No ____
If no, are traffic report or packing list numbers written on the chain-of-custody record? Yes ✓ No ____
If no, which traffic report or packing list numbers are missing?

_____ _____ _____ _____

_____ _____ _____ _____

Are basic data forms in? Yes ✓ No ____
No of samples claimed: 18 No. of samples received: 18

Received by: Lynette Burnett Date: 6-8-99

Received by LSSS: Lynette Burnett Date: 6-8-99

Review started: 6-11-99 Reviewer Signature: [signature]

Total time spent on review: 10.8 Date review completed: 6-14-9

Copied by: Lynette Burnett Date: 6-29-99

Mailed to user by: Lynette Burnett Date: 6-29-99

**DATA USER:**
Please fill in the blanks below and return this form to:
Sylvia Griffen, Data mgmt. Coordinator, Region V, 5SCRL

Data received by: _____ Date: _____

Data review received by: _____ Date: _____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

**PROBLEMS:** Please indicate reasons why data are not suitable for your uses.

_____

_____

Received by Data Mgmt. Coordinator for Files. Data: _____

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: _____

SUBJECT: Review of Data
Received for Review on June 10, 1999

FROM: Stephen L. Ostrodka, Chief (SRT-4J) for Steve Ostrodka Richard L Byrnes 6/23/99
Superfund Technical Support Section

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: Interlake Properties (IL)

CASE NUMBER: 26961 SDG NUMBER: ECRM4

Number and Type of Samples: 9 Soils

Sample Numbers: ECRM4-7 ECCN3-7

Laboratory: AATSLA Hrs. for Review: 15.5 + 2.0 ACH for I.W.

Following are our findings:

The data are acceptable and usable with the qualifications described in the attached narrative.
Richard L Byrnes

CC: Regional TPO
Cecilia Moore
SM-5J

Case Number :26961 SDG Number: ECRM4
Site Name: Interlake Properties (IL) Laboratory: AATSLA

7. FIELD BLANK AND FIELD DUPLICATE
None were listed on the COC.

8. INTERNAL STANDARDS
The following semivolatile samples have internal standard area counts that are outside the lower limit of primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

ECCN3, ECCN3RE, ECCN4, ECCN4RE, ECCN5, ECCN5RE, ECRM5
Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCN7RE
Hexachlorocyclopentadiene, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 2,6-Dinitrotoluene, 3-Nitroaniline, Acenaphthene, Dibenzofuran, 2,4-Dinitrotoluene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

ECRM4, ECRM4MS, ECRM4MSD, ECRM6, ECRM7
4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECRM5RE, ECRM6RE, ECRM7RE
4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate

The following semivolatile samples have internal standard area counts outside expanded criteria. Hits are qualified "J" and non-detects are qualified "R".

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 22, 1999

ase Number :26961 SDG Number: ECRM4
Site Name: Interlake Properties (IL) Laboratory: AATSLA

1. HOLDING TIME

The following semivolatile soil samples are outside primary extraction holding time criteria.
Hits are qualified "J" and non-detects are qualified "UJ" unless otherwise qualified in a following section.

ECCN7RE

The following pesticide soil samples are outside primary extraction holding time criteria.
Hits are qualified "J" and non-detects are qualified "UJ" unless otherwise qualified in a following section.

ECCN3, ECCN4, ECCN5, ECCN6, ECCN7, ECRM4, ECRM4MS, ECRM4MSD, ECRM5, ECRM6, ECRM7

2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

No problems found for this qualification.

3. CALIBRATION

The following semivolatile samples are associated with a continuing calibration whose corresponding initial calibration has relative response factors (RRFs) outside primary criteria.
Hits are flagged "J" and non-detects are qualified "R".

2,4-Dinitrophenol
ECCN3, ECCN3RE, ECCN4, ECCN4RE, ECCN5, ECCN5RE, ECCN6, ECCN7, ECRM4, ECRM4MS, ECRM4MSD, ECRM5, ECRM5RE, ECRM6, ECRM6RE, ECRM7, ECRM7RE, SBLKFK

The following semivolatile samples are associated with a continuing calibration whose corresponding initial calibration has percent relative standard deviation (%RSD) outside primary criteria.
Hits are qualified "J" and non-detects are flagged "UJ".

Hexachlorocyclopentadiene
ECCN3, ECCN3RE, ECCN4, ECCN4RE, ECCN5, ECCN5RE, ECCN6, ECRM4, ECRM4MS, ECRM4MSD, ECRM5, ECRM5RE, ECRM6, ECRM6RE, ECRM7, ECRM7RE, SBLKFK

The following semivolatile samples are associated with a continuing calibration relative response factor (RRF50) outside primary criteria.
Hits are flagged "J" and non-detects are qualified "R".

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 22, 1999

Case Number :26961 SDG Number: ECRM4
Site Name: Interlake Properties (IL) Laboratory: AATSLA

ECCN4
Naphthalene, 2-Methylnaphthalene, Dibenzofuran, Phenanthrene, Anthracene, Fluoranthene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCN5
Naphthalene, 2-Methylnaphthalene, Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCN5RE
Naphthalene, 2-Methylnaphthalene, Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCN6
Naphthalene, 2-Methylnaphthalene, Dibenzofuran, Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

ECCN7, ECCN7RE
Pyrene

ECRM4
Acenaphthene, Fluorene, Anthracene, Carbazole, Di-n-butylphthalate, bis(2-Ethylhexyl)phthalate

ECRM4MS, ECRM4MSD
Naphthalene, 2-Methylnaphthalene, 4-Nitrophenol, Dibenzofuran, Fluorene, Pentachlorophenol, Anthracene, Carbazole, Di-n-butylphthalate, bis(2-Ethylhexyl)phthalate

ECRM5
Naphthalene, 2-Methylnaphthalene, Phenanthrene, Anthracene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECRM5RE
Naphthalene, 2-Methylnaphthalene, Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene,

ase Number :26961 SDG Number: ECRM4
Site Name: Interlake Properties (IL) Laboratory: AATSLA

ECCN7, ECCN7RE

The following semivolatile samples have base/neutral surrogate recoveries of less than 10%. Hits are qualified "J" and non-detects are qualified "R".

ECCN7

The following semivolatile samples have acid surrogate recoveries of less than 10%. Hits are qualified "J" and non-detects are qualified "R".

ECCN7, ECCN7RE

The following pesticide samples have surrogate percent recoveries which exceed the upper limit of the criteria window. Hits are qualified "J" and non-detects are not flagged.

ECRM4, ECRM4MS, ECRM4MSD, ECRM6

The following undiluted pesticide samples have surrogate percent recoveries of less than 10%. Hits are qualified "J" and non-detects are qualified "R".

ECCN6

The following pesticide samples have surrogate percent recoveries outside the lower limit of the criteria window, but greater than 10%. Hits are qualified "J" and non-detects are qualified "UJ".

ECCN7

6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

The relative percent difference (RPD) between the following semivolatile matrix spike and matrix spike duplicate recoveries is outside criteria. Hits are flagged "J" and non-detects are flagged "UJ" in the uspiked sample.

ECRM4MS, ECRM4MSD
4-Chloro-3-methylphenol

The following semivolatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria. Hits are flagged "J and non-detects are flagged "UJ" in the unspiked sample.

ECRM4MS
N-Nitroso-di-n-propylamine, 4-Chloro-3-methylphenol

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 22, 1999

Case Number :26961 SDG Number: ECRM4
Site Name: Interlake Properties (IL) Laboratory: AATSLA

Endrin ketone

ECRM4MSD
4,4'-DDE, 4,4'-DDD

ECRM6
Dieldrin, 4,4'-DDE, 4,4'-DDT, Endrin ketone, alpha-Chlordane

ECRM7
4,4'-DDE, Endosulfan sulfate, Endrin ketone, Endrin aldehyde

The following pesticide samples have analytes for which the percent difference between column results exceeds primary criteria. Positive hits are qualified "J".

ECCN3
Endrin, Endosulfan sulfate, 4,4'-DDT, Endrin aldehyde
alpha-Chlordane

ECCN4
4,4'-DDE, Endrin, Endosulfan sulfate, 4,4'-DDT
Endrin ketone, Endrin aldehyde

ECCN5
4,4'-DDE, 4,4'-DDD, 4,4'-DDT, Endrin ketone
Endrin aldehyde

ECCN7
Heptachlor epoxide, Dieldrin, Endrin, 4,4'-DDT, Endrin aldehyde

ECRM4
Endrin ketone, alpha-Chlordane

ECRM4MS
gamma-BHC (Lindane), Heptachlor, Aldrin, Dieldrin, 4,4'-DDT

ECRM4MSD
gamma-BHC (Lindane), Aldrin, Dieldrin, 4,4'-DDE, 4,4'-DDD,
4,4'-DDT, alpha-Chlordane

ECRM6
Dieldrin, 4,4'-DDE, 4,4'-DDT, alpha-Chlordane

ECRM7
4,4'-DDE, 4,4'-DDD, Endosulfan sulfate, Endrin ketone
Endrin aldehyde

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 22, 1999

Case Number :26961 SDG Number: ECRM4
Site Name: Interlake Properties (IL) Laboratory: AATSLA

ECCN7
4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate

ECCN7RE
Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECRM5RE, ECRM6RE, ECRM7RE
Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, and Pesticide/PCB compounds were properly identified.

10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following semivolatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

ECCN3
Naphthalene, 2-Methylnaphthalene, Phenanthrene, Anthracene, Di-n-butylphthalate, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

ECCN3RE
Naphthalene, 2-Methylnaphthalene, Phenanthrene, Di-n-butylphthalate, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCN4RE
Naphthalene, 2-Methylnaphthalene, Phenanthrene, Fluoranthene, Pyrene Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 22, 1999

Case Number :26961 SDG Number: ECRM4
Site Name: Interlake Properties (IL) Laboratory: AATSLA

Benzo(g,h,i)perylene

ECRM6
Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, bis(2-Ethylhexyl)phthalate, Dibenz(a,h)anthracene

ECRM6RE
Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, bis(2-Ethylhexyl)phthalate, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene

ECRM7
Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Phenanthrene, Anthracene, Di-n-butylphthalate, Butylbenzylphthalate, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

ECRM7RE
Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Phenanthrene, Anthracene, Butylbenzylphthalate, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

SBLKFK
1,2,4-Trichlorobenzene

The following pesticide samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

ECCN3
Endrin, Endrin aldehyde, alpha-Chlordane

ECCN4
Endrin, Endosulfan sulfate, Endrin ketone, Endrin aldehyde

ECCN5
Endrin ketone, Endrin aldehyde

ECCN7
Heptachlor epoxide, Dieldrin, Endrin, ~~4,4'-DDD~~, 4,4'-DDT

RJB 6/23/99

ECRM4

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 22, 1999

Semivolatile Analysis Data - ECCN3
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 2.72 | 180.000 | J |
| | UNKNOWN | 7.07 | 160.000 | J |
| | UNKNOWN | 12.18 | 160.000 | J |
| | UNKNOWN | 12.45 | 320.000 | J |
| | UNKNOWN | 12.73 | 380.000 | J |
| | UNKNOWN | 12.78 | 140.000 | J |
| | UNKNOWN | 12.83 | 140.000 | J |
| 198-55-0 | PERYLENE | 12.90 | 270.000 | JN |
| 2785-89-9 | PHENOL, 4-ETHYL-2-METHOXY- | 13.80 | 1200.000 | JN |
| | UNKNOWN | 14.03 | 170.000 | J |
| | UNKNOWN | 14.83 | 300.000 | J |
| | UNKNOWN | 14.93 | 150.000 | J |
| | UNKNOWN | 15.15 | 210.000 | J |
| | UNKNOWN | 15.35 | 140.000 | J |
| | UNKNOWN | 15.68 | 290.000 | J |

FILE NAME: ECRM4.SDG DATE: 06/08/99 TIME: 15:12 CADRE98 PAGE: 1

Semivolatile Analysis Data - ECCN4
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 581-40-8 | NAPHTHALENE, 2,3-DIMETHYL- | 5.37 | 93.000 | JN |
| | UNKNOWN | 11.75 | 91.000 | J |
| | UNKNOWN | 12.45 | 110.000 | |
| 192-97-2 | BENZO[E]PYRENE | 12.92 | 240.000 | JN |
| | UNKNOWN | 13.63 | 98.000 | J |
| | UNKNOWN | 15.02 | 160.000 | J |
| | UNKNOWN | 15.37 | 140.000 | J |
| | UNKNOWN | 15.93 | 450.000 | J |

FILE NAME: ECRM4.SDG DATE: 06/08/99 TIME: 15:12 CADRE98 PAGE: 2

Semivolatile Analysis Data - ECCN5
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 581-40-8 | NAPHTHALENE, 2,3-DIMETHYL- | 5.37 | 150.000 | JN |
| | UNKNOWN | 7.07 | 99.000 | J |
| | UNKNOWN | 7.32 | 110.000 | J |
| | UNKNOWN AROMATIC | 12.92 | 150.000 | J |
| | UNKNOWN | 13.40 | 110.000 | J |
| | UNKNOWN | 13.65 | 130.000 | J |
| | UNKNOWN | 14.88 | 150.000 | J |
| | UNKNOWN | 15.47 | 110.000 | J |
| | UNKNOWN | 15.92 | 490.000 | J |

FILE NAME: ECRM4.SDG DATE: 06/08/99 TIME: 15:12 CADRE98 PAGE: 3

Case Number :26961 SDG Number: ECRM4
Site Name: Interlake Properties (IL) Laboratory: AATSLA

11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide analysis was acceptable.

12. ADDITIONAL INFORMATION

The samples pH can be found on the CADRE Form Is.

Pesticide ECCN7 should have been analyzed at a more concentrated level as specified in the SOW.

The first cooler was received by the laboratory at 10°C and the second at 14°C.

Reviewed By: M. Kaminsky Lockheed-Martin/ESAT
Date: June 22, 1999

Semivolatile Analysis Data - ECRM4
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM4

LABORATORY: AATSLA

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | |
|---|---|---|---|---|
| | UNKNOWN | 5.40 | 210.000 | J |
| | UNKNOWN | 5.62 | 170.000 | J |
| | UNKNOWN | 6.22 | 100.000 | J |
| | UNKNOWN | 7.17 | 120.000 | J |
| | UNKNOWN | 7.33 | 230.000 | J |
| | UNKNOWN | 7.42 | 120.000 | J |
| | UNKNOWN | 8.28 | 160.000 | J |
| | UNKNOWN | 8.70 | 98.000 | J |
| | UNKNOWN | 9.03 | 110.000 | J |
| | UNKNOWN | 9.45 | 94.000 | J |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.02 | 220.000 | JN |
| | UNKNOWN | 11.47 | 190.000 | J |
| | UNKNOWN | 12.03 | 220.000 | J |
| | UNKNOWN | 12.43 | 140.000 | J |
| 198-55-0 | PERYLENE | 12.92 | 620.000 | JN |
| | UNKNOWN | 13.13 | 140.000 | J |
| | UNKNOWN | 13.25 | 320.000 | J |
| | UNKNOWN | 13.33 | 150.000 | J |
| | UNKNOWN | 13.57 | 130.000 | J |
| | UNKNOWN | 13.65 | 330.000 | J |
| | UNKNOWN | 13.68 | 180.000 | J |
| | UNKNOWN | 13.87 | 250.000 | J |
| | UNKNOWN | 14.03 | 210.000 | J |
| | UNKNOWN | 14.25 | 150.000 | J |
| | UNKNOWN | 14.50 | 170.000 | J |
| | UNKNOWN | 14.55 | 180.000 | J |
| | UNKNOWN | 14.92 | 210.000 | J |
| | UNKNOWN | 15.40 | 130.000 | J |
| | UNKNOWN | 15.47 | 190.000 | J |
| | UNKNOWN | 17.25 | 130.000 | J |

CADRE Data Qualifier Sheet

| Qualifiers | Data Qualifier Definitions |
|---|---|
| U | The analyte was analyzed for, but was not detected above the reported sample quantitation limit. |
| J | The anlayte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample. |
| UJ | The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample. |
| N | The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification. |
| NJ | The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration. |
| R | The data are unusable. (The compound may or may not be present) |
| H | Sample result is estimated and biased high. |
| L | Sample result is estimated and biased low. |

Semivolatile Analysis Data - ECRM6
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | |
|---|---|---|---|---|
| | UNKNOWN | 8.43 | 140.000 | J |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 10.02 | 150.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.10 | 110.000 | JN |
| | UNKNOWN | 10.88 | 150.000 | J |
| | UNKNOWN | 11.08 | 87.000 | J |
| | UNKNOWN | 11.48 | 150.000 | J |
| 3351-30-2 | CHRYSENE, 4-METHYL- | 11.75 | 110.000 | JN |
| | UNKNOWN | 11.85 | 200.000 | J |
| | UNKNOWN | 11.93 | 110.000 | J |
| | UNKNOWN | 12.00 | 120.000 | J |
| | UNKNOWN | 12.07 | 260.000 | J |
| | UNKNOWN | 12.17 | 190.000 | J |
| | UNKNOWN | 12.22 | 220.000 | J |
| | UNKNOWN | 12.45 | 130.000 | J |
| | UNKNOWN | 12.72 | 190.000 | J |
| 198-55-0 | PERYLENE | 12.92 | 360.000 | JN |
| | UNKNOWN | 13.22 | 140.000 | J |
| | UNKNOWN | 13.37 | 130.000 | J |
| | UNKNOWN | 13.63 | 110.000 | J |
| | UNKNOWN | 14.02 | 140.000 | J |
| | UNKNOWN | 14.57 | 140.000 | J |
| | UNKNOWN | 14.93 | 190.000 | J |
| | UNKNOWN | 16.80 | 90.000 | J |

Semivolatile Analysis Data - ECCN6
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 582-16-1 | NAPHTHALENE, 2,7-DIMETHYL- | 5.38 | 100.000 | JN |



Semivolatile Analysis Data - ECCN7
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | DECAHYDRO-4,4,8,9,10-PENTAME | 5.40 | 1100.000 | J |
| | UNKNOWN | 5.62 | 1400.000 | J |
| | UNKNOWN | 6.75 | 1000.000 | J |
| | UNKNOWN | 7.32 | 910.000 | J |
| | UNKNOWN | 7.45 | 1100.000 | J |
| | UNKNOWN | 7.75 | 810.000 | J |
| | UNKNOWN | 7.88 | 820.000 | J |
| | UNKNOWN | 7.97 | 730.000 | J |
| | UNKNOWN | 8.32 | 2000.000 | J |
| | UNKNOWN | 8.38 | 850.000 | J |
| | UNKNOWN | 8.45 | 1200.000 | J |
| | UNKNOWN | 8.58 | 1100.000 | J |
| | UNKNOWN | 8.83 | 750.000 | J |
| | UNKNOWN | 8.92 | 930.000 | J |
| | UNKNOWN | 9.05 | 1200.000 | J |
| | UNKNOWN | 9.92 | 1200.000 | J |
| | UNKNOWN | 10.00 | 880.000 | J |
| | UNKNOWN | 10.85 | 830.000 | J |
| | UNKNOWN | 11.40 | 800.000 | J |
| | UNKNOWN | 11.47 | 1000.000 | J |
| | UNKNOWN | 11.58 | 1400.000 | J |
| 481-21-0 | CHOLESTANE | 11.90 | 740.000 | JN |
| | UNKNOWN | 12.05 | 790.000 | J |
| | UNKNOWN | 12.15 | 940.000 | J |
| | UNKNOWN | 12.58 | 730.000 | J |
| | UNKNOWN | 12.97 | 890.000 | J |
| | UNKNOWN | 13.65 | 1200.000 | J |
| | UNKNOWN | 14.03 | 1000.000 | J |

Semivolatile Analysis Data - ECCN3RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | |
|---|---|---|---|---|
| | UNKNOWN | 2.67 | 180.000 | J |
| | UNKNOWN | 7.12 | 180.000 | J |
| | UNKNOWN | 7.30 | 150.000 | J |
| | UNKNOWN | 9.08 | 150.000 | J |
| | UNKNOWN | 12.40 | 190.000 | J |
| | UNKNOWN | 12.50 | 140.000 | J |
| | UNKNOWN | 12.67 | 210.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 13.05 | 310.000 | JN |
| | UNKNOWN | 13.52 | 340.000 | J |
| | UNKNOWN | 13.87 | 200.000 | J |
| | UNKNOWN | 13.90 | 230.000 | J |
| | UNKNOWN | 14.10 | 690.000 | J |
| | UNKNOWN | 14.25 | 160.000 | J |
| | UNKNOWN | 14.77 | 150.000 | J |
| | UNKNOWN | 15.23 | 180.000 | J |

Semivolatile Analysis Data - ECRM5
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 8.92 | 160.000 | J |
| | UNKNOWN | 9.00 | 140.000 | J |
| | UNKNOWN | 12.45 | 360.000 | J |
| | UNKNOWN | 12.73 | 290.000 | J |
| | UNKNOWN | 13.22 | 250.000 | J |
| | UNKNOWN | 13.70 | 560.000 | J |
| | UNKNOWN | 13.85 | 650.000 | J |
| | UNKNOWN | 13.90 | 460.000 | J |
| | UNKNOWN | 14.22 | 200.000 | J |
| | UNKNOWN | 14.50 | 260.000 | J |
| | UNKNOWN | 14.83 | 860.000 | J |
| | UNKNOWN | 14.92 | 1500.000 | J |
| | UNKNOWN | 15.15 | 390.000 | J |
| | UNKNOWN | 15.28 | 280.000 | J |
| | UNKNOWN | 15.68 | 340.000 | J |

Semivolatile Analysis Data - ECCN5RE
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM4

LABORATORY: AATSLA

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | |
|---|---|---|---|---|
| | UNKNOWN | 5.37 | 170.000 | J |
| | UNKNOWN | 7.12 | 91.000 | J |
| | UNKNOWN | 7.37 | 130.000 | J |
| | UNKNOWN | 12.48 | 110.000 | J |
| 198-55-0 | PERYLENE | 13.05 | 110.000 | JN |
| | UNKNOWN | 16.45 | 200.000 | J |

Semivolatile Analysis Data - ECRM7
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM4

LABORATORY: AATSLA

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 80-56-8 | .ALPHA.-PINENE | 2.50 | 250.000 | JN |
| 6783-92-2 | CYCLOHEXANE, 1,1,2,3-TETRAME | 2.67 | 260.000 | JN |
| | UNKNOWN | 2.77 | 130.000 | J |
| | UNKNOWN | 3.10 | 140.000 | J |
| | UNKNOWN | 3.12 | 180.000 | J |
| | UNKNOWN | 3.40 | 150.000 | J |
| 54676-39-0 | CYCLOHEXANE, 2-BUTYL-1,1,3-T | 4.15 | 220.000 | JN |
| | UNKNOWN | 4.78 | 110.000 | J |
| | UNKNOWN | 5.07 | 160.000 | J |
| | UNKNOWN | 5.17 | 180.000 | J |
| 10425-90-8 | BENZENE, 1-ISOPENTYL-2,4,5-T | 5.53 | 170.000 | JN |
| | UNKNOWN | 7.30 | 150.000 | J |
| | UNKNOWN | 7.90 | 110.000 | J |
| | UNKNOWN | 8.23 | 110.000 | J |
| 832-71-3 | PHENANTHRENE, 3-METHYL- | 8.28 | 130.000 | JN |
| 610-48-0 | ANTHRACENE, 1-METHYL- | 8.32 | 140.000 | JN |
| | UNKNOWN | 12.75 | 340.000 | J |
| | UNKNOWN | 13.35 | 280.000 | J |
| | UNKNOWN | 13.52 | 230.000 | J |

Semivolatile Analysis Data - ECRM6RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | |
|---|---|---|---|---|
| | UNKNOWN | 7.35 | 93.000 | J |
| | UNKNOWN | 7.50 | 100.000 | J |
| 832-69-9 | PHENANTHRENE, 1-METHYL- | 8.37 | 110.000 | JN |
| 203-64-5 | 4H-CYCLOPENTA[DEF]PHENANTHRE | 8.48 | 170.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.92 | 98.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.08 | 160.000 | JN |
| 205-12-9 | 7H-BENZO[C]FLUORENE | 10.17 | 98.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.22 | 100.000 | JN |
| | UNKNOWN | 10.97 | 290.000 | J |
| | UNKNOWN | 11.18 | 110.000 | J |
| | UNKNOWN | 11.58 | 140.000 | J |
| 3351-32-4 | 2-METHYLCHRYSENE | 11.85 | 94.000 | JN |
| | UNKNOWN | 11.97 | 150.000 | J |
| | UNKNOWN | 12.05 | 130.000 | J |
| | UNKNOWN | 12.12 | 92.000 | J |
| | UNKNOWN | 12.18 | 210.000 | J |
| | UNKNOWN | 12.30 | 250.000 | J |
| | UNKNOWN | 12.35 | 290.000 | J |
| 198-55-0 | PERYLENE | 12.83 | 100.000 | JN |
| 192-97-2 | BENZO[E]PYRENE | 13.05 | 370.000 | JN |
| | UNKNOWN | 13.55 | 120.000 | J |

Semivolatile Analysis Data - ECCN4RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 581-42-0 | NAPHTHALENE, 2,6-DIMETHYL- | 5.38 | 97.000 | JN |
| 832-69-9 | PHENANTHRENE, 1-METHYL- | 8.48 | 110.000 | JN |
| 84-15-1 | O-TERPHENYL | 10.68 | 160.000 | JN |
| | UNKNOWN | 10.82 | 120.000 | J |
| | UNKNOWN | 12.92 | 140.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 13.03 | 140.000 | JN |
| | UNKNOWN | 13.53 | 220.000 | J |

Semivolatile Analysis Data - ECCN7RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECRM4

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | |
|---|---|---|---|---|
| | UNKNOWN | 4.63 | 620.000 | J |
| | UNKNOWN | 4.73 | 750.000 | J |
| | UNKNOWN | 5.25 | 2500.000 | J |
| | UNKNOWN | 5.48 | 3400.000 | J |
| | UNKNOWN | 5.55 | 1100.000 | J |
| | UNKNOWN | 5.87 | 1500.000 | J |
| 54832-83-6 | 1H-INDENE, OCTAHYDRO-2,2,4,4 | 6.00 | 1100.000 | JN |
| | UNKNOWN | 6.08 | 2300.000 | J |
| | UNKNOWN | 6.25 | 1400.000 | J |
| | UNKNOWN | 6.32 | 610.000 | J |
| | UNKNOWN | 6.65 | 3000.000 | J |
| | UNKNOWN | 6.93 | 1300.000 | J |
| | UNKNOWN | 6.98 | 640.000 | J |
| | UNKNOWN | 7.05 | 740.000 | J |
| | UNKNOWN | 7.22 | 1600.000 | J |
| | UNKNOWN | 7.67 | 690.000 | J |
| | UNKNOWN | 7.78 | 540.000 | J |
| | UNKNOWN | 8.23 | 2500.000 | J |
| | UNKNOWN | 8.38 | 2500.000 | J |
| | UNKNOWN | 8.52 | 2900.000 | J |
| | UNKNOWN | 8.62 | 1200.000 | J |
| | UNKNOWN | 9.90 | 1700.000 | J |
| | UNKNOWN | 11.83 | 1000.000 | J |
| | UNKNOWN | 12.52 | 690.000 | J |
| | UNKNOWN | 12.68 | 650.000 | J |
| | UNKNOWN | 12.88 | 770.000 | J |
| | UNKNOWN | 13.28 | 570.000 | J |
| | UNKNOWN | 13.57 | 720.000 | J |

Semivolatile Analysis Data - ECRM5RE
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM4

LABORATORY: AATSLA

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 10425-90-8 | BENZENE, 1-ISOPENTYL-2,4,5-T | 5.57 | 130.000 | JN |
| | UNKNOWN | 8.00 | 120.000 | J |
| | UNKNOWN | 8.48 | 140.000 | J |
| | UNKNOWN | 9.00 | 140.000 | J |
| | UNKNOWN | 9.08 | 170.000 | J |
| | UNKNOWN | 10.82 | 140.000 | J |
| | UNKNOWN | 13.75 | 180.000 | J |
| | UNKNOWN | 14.12 | 470.000 | J |
| | UNKNOWN | 15.25 | 620.000 | J |
| | UNKNOWN | 15.32 | 450.000 | J |

| Sample Number: | ECCN3 | | ECCN3RE | | ECCN4 | | ECCN4RE | | ECCN5 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X111 | | X111 | | X112 | | X112 | | X113 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 11:00 | | 11:00 | | 10:30 | | 10:30 | | 08:30 | |
| %Moisture: | | | | | | | | | | |
| PH: | 6.8 | | 6.8 | | 7.6 | | 7.6 | | 7.5 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2,4-Dinitrophenol | 1700 | R | 1700 | R | 1100 | R | 1100 | R | 1000 | R |
| 4-Nitrophenol | 1700 | U | 1700 | U | 1100 | U | 1100 | U | 1000 | U |
| Dibenzofuran | 660 | U | 660 | U | 67 | J | 70 | J | 410 | U |
| 2,4-Dinitrotoluene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Diethylphthalate | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 4-Chlorophenyl-phenylether | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Fluorene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 4-Nitroaniline | 1700 | U | 1700 | UJ | 1100 | U | 1100 | UJ | 1000 | U |
| 4,6-Dinitro-2-methylphenol | 1700 | U | 1700 | UJ | 1100 | U | 1100 | UJ | 1000 | U |
| N-Nitrosodiphenylamine | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 4-Bromophenyl-phenylether | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Hexachlorobenzene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Pentachlorophenol | 1700 | U | 1700 | U | 1100 | U | 1100 | U | 1000 | U |
| Phenanthrene | 290 | J | 280 | J | 300 | J | 300 | J | 210 | J |
| Anthracene | 70 | J | 660 | U | 47 | J | 430 | U | 410 | U |
| Carbazole | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Di-n-butylphthalate | 87 | J | 72 | J | 430 | U | 430 | U | 410 | U |
| Fluoranthene | 370 | J | 370 | J | 330 | J | 330 | J | 230 | J |
| Pyrene | 480 | J | 480 | J | 460 | J | 460 | J | 300 | J |
| Butylbenzylphthalate | 660 | UJ | 660 | UJ | 430 | UJ | 430 | UJ | 410 | UJ |
| 3,3'-Dichlorobenzidine | 660 | UJ | 660 | UJ | 430 | UJ | 430 | UJ | 410 | UJ |
| Benzo(a)anthracene | 250 | J | 220 | J | 200 | J | 210 | J | 150 | J |
| Chrysene | 320 | J | 290 | J | 320 | J | 320 | J | 260 | J |
| bis(2-Ethylhexyl)phthalate | 330 | J | 240 | J | 83 | J | 65 | J | 410 | UJ |
| Di-n-octylphthalate | 660 | UJ | 660 | UJ | 430 | UJ | 430 | UJ | 410 | UJ |
| Benzo(b)fluoranthene | 300 | J | 260 | J | 260 | J | 260 | J | 190 | J |
| Benzo(k)fluoranthene | 220 | J | 300 | J | 210 | J | 320 | J | 140 | J |
| Benzo(a)pyrene | 300 | J | 300 | J | 260 | J | 280 | J | 160 | J |
| Indeno(1,2,3-cd)pyrene | 200 | J | 660 | UJ | 200 | J | 430 | UJ | 120 | J |
| Dibenz(a,h)anthracene | 660 | UJ | 660 | UJ | 95 | J | 430 | UJ | 43 | J |
| Benzo(g,h,i)perylene | 250 | J | 150 | J | 270 | J | 160 | J | 150 | J |

Semivolatile Analysis Data - ECRM7RE
Tentatively Identified Compounds

CASE NO: 26961
SDG NO: ECRM4

LABORATORY: AATSLA

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 2.40 | 200.000 | J |
| | UNKNOWN | 2.60 | 280.000 | J |
| | UNKNOWN | 2.67 | 110.000 | J |
| | UNKNOWN | 2.72 | 130.000 | J |
| 95-63-6 | BENZENE, 1,2,4-TRIMETHYL- | 3.05 | 140.000 | JN |
| | UNKNOWN | 3.25 | 110.000 | J |
| | UNKNOWN | 3.35 | 140.000 | J |
| | UNKNOWN | 4.12 | 110.000 | J |
| | UNKNOWN | 4.78 | 110.000 | J |
| | UNKNOWN | 5.17 | 140.000 | J |
| 581-42-0 | NAPHTHALENE, 2,6-DIMETHYL- | 5.37 | 100.000 | JN |
| 10425-90-8 | BENZENE, 1-ISOPENTYL-2,4,5-T | 5.57 | 160.000 | JN |
| 829-26-5 | NAPHTHALENE, 2,3,6-TRIMETHYL | 6.20 | 130.000 | JN |
| | UNKNOWN | 6.25 | 140.000 | J |
| | UNKNOWN | 6.85 | 110.000 | J |
| | UNKNOWN | 7.18 | 190.000 | J |
| | UNKNOWN | 7.33 | 110.000 | J |
| | UNKNOWN | 7.95 | 150.000 | J |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.37 | 120.000 | JN |
| 203-64-5 | 4H-CYCLOPENTA[DEF]PHENANTHRE | 8.48 | 160.000 | JN |
| 18108-56-0 | AZEPINO[3,2,1-HI]INDOLE, 8-E | 9.37 | 120.000 | JN |
| 1742-14-9 | BENZENE, 1,1'-ETHYLIDENEBIS[ | 9.68 | 120.000 | JN |
| | UNKNOWN | 12.92 | 560.000 | J |
| | UNKNOWN | 13.75 | 330.000 | J |

| Sample Number: | ECCN5RE | | ECCN6 | | ECCN7 | | ECCN7RE | | ECRM4 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X113 | | X114 | | X115 | | X115 | | X212 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 08:30 | | 09:00 | | 10:00 | | 10:00 | | 18:00 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.5 | | 7.6 | | 9.1 | | 9.1 | | 7.4 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 410 | U | 380 | U | 380 | R | 380 | UJ | 100 | J |
| 2,4-Dinitrophenol | 1000 | R | 960 | R | 950 | R | 950 | R | 1000 | R |
| 4-Nitrophenol | 1000 | U | 960 | U | 950 | R | 950 | R | 1000 | U |
| Dibenzofuran | 410 | U | 40 | J | 380 | R | 380 | UJ | 410 | U |
| 2,4-Dinitrotoluene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| Diethylphthalate | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 4-Chlorophenyl-phenylether | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| Fluorene | 410 | U | 380 | U | 380 | R | 380 | UJ | 72 | J |
| 4-Nitroaniline | 1000 | UJ | 960 | U | 950 | R | 950 | UJ | 1000 | U |
| 4,6-Dinitro-2-methylphenol | 1000 | UJ | 960 | U | 950 | R | 950 | R | 1000 | UJ |
| N-Nitrosodiphenylamine | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | UJ |
| 4-Bromophenyl-phenylether | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | UJ |
| Hexachlorobenzene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | UJ |
| Pentachlorophenol | 1000 | U | 960 | U | 950 | R | 950 | R | 1000 | UJ |
| Phenanthrene | 200 | J | 130 | J | 380 | R | 380 | UJ | 710 | J |
| Anthracene | 410 | U | 380 | U | 380 | R | 380 | UJ | 180 | J |
| Carbazole | 410 | U | 380 | U | 380 | R | 380 | UJ | 52 | J |
| Di-n-butylphthalate | 410 | U | 380 | U | 380 | R | 380 | UJ | 50 | J |
| Fluoranthene | 220 | J | 96 | J | 380 | R | 380 | UJ | 1100 | J |
| Pyrene | 280 | J | 130 | J | 82 | J | 110 | J | 1300 | J |
| Butylbenzylphthalate | 410 | UJ | 380 | U | 380 | R | 380 | R | 410 | UJ |
| 3,3'-Dichlorobenzidine | 410 | UJ | 380 | U | 380 | R | 380 | R | 410 | UJ |
| Benzo(a)anthracene | 130 | J | 66 | J | 380 | R | 380 | R | 780 | J |
| Chrysene | 190 | J | 120 | J | 380 | R | 380 | R | 960 | J |
| bis(2-Ethylhexyl)phthalate | 410 | UJ | 380 | U | 380 | R | 380 | R | 82 | J |
| Di-n-octylphthalate | 410 | UJ | 380 | U | 380 | R | 380 | R | 410 | UJ |
| Benzo(b)fluoranthene | 140 | J | 92 | J | 380 | R | 380 | R | 970 | J |
| Benzo(k)fluoranthene | 220 | J | 50 | J | 380 | R | 380 | R | 720 | J |
| Benzo(a)pyrene | 140 | J | 82 | J | 380 | R | 380 | R | 1100 | J |
| Indeno(1,2,3-cd)pyrene | 410 | UJ | 46 | J | 380 | R | 380 | R | 980 | J |
| Dibenz(a,h)anthracene | 410 | UJ | 380 | U | 380 | R | 380 | R | 410 | J |
| Benzo(g,h,i)perylene | 77 | J | 78 | J | 380 | R | 380 | R | 1200 | J |

Analytical Results (Qualified Data)

Case #: 26961
SDG: ECRM4
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

Number of Soil Samples : 9
Number of Water Samples : 0

| Sample Number: | ECCN3 | | ECCN3RE | | ECCN4 | | ECCN4RE | | ECCN5 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X111 | | X111 | | X112 | | X112 | | X113 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 11:00 | | 11:00 | | 10:30 | | 10:30 | | 08:30 | |
| %Moisture: | 50 | | 50 | | 23 | | 23 | | 19 | |
| PH: | 6.8 | | 6.8 | | 7.6 | | 7.6 | | 7.5 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| bis(2-Chloroethyl)ether | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2-Chlorophenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 1,3-Dichlorobenzene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 1,4-Dichlorobenzene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 1,2-Dichlorobenzene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2-Methylphenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2,2'-oxybis(1-chloropropane) | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 4-Methylphenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| N-Nitroso-di-n-propylamine | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Hexachloroethane | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Nitrobenzene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Isophorone | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2-Nitrophenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2,4-Dimethylphenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| bis(2-Chloroethoxy)methane | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2,4-Dichlorophenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 1,2,4-Trichlorobenzene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Naphthalene | 100 | J | 110 | J | 290 | J | 280 | J | 150 | J |
| 4-Chloroaniline | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Hexachlorobutadiene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 4-Chloro-3-methylphenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2-Methylnaphthalene | 81 | J | 81 | J | 180 | J | 180 | J | 99 | J |
| Hexachlorocyclopentadiene | 660 | UJ | 660 | UJ | 430 | UJ | 430 | UJ | 410 | UJ |
| 2,4,6-Trichlorophenol | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2,4,5-Trichlorophenol | 1700 | U | 1700 | U | 1100 | U | 1100 | U | 1000 | U |
| 2-Chloronaphthalene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2-Nitroaniline | 1700 | U | 1700 | U | 1100 | U | 1100 | U | 1000 | U |
| Dimethylphthalate | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| Acenaphthylene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 2,6-Dinitrotoluene | 660 | U | 660 | U | 430 | U | 430 | U | 410 | U |
| 3-Nitroaniline | 1700 | U | 1700 | U | 1100 | U | 1100 | U | 1000 | U |

| Sample Number: | ECRM4MS | | ECRM4MSD | | ECRM5 | | ECRM5RE | | ECRM6 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X212 | | X212 | | X213 | | X213 | | X214 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 18:00 | | 18:00 | | 13:00 | | 13:00 | | 13:30 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.4 | | 7.3 | | 7 | | 7 | | 7.5 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 1200 | | 1100 | | 610 | U | 610 | U | 59 | J |
| 2,4-Dinitrophenol | 1000 | R | 1000 | R | 1500 | R | 1500 | R | 1000 | R |
| 4-Nitrophenol | 520 | J | 480 | J | 1500 | U | 1500 | U | 1000 | U |
| Dibenzofuran | 61 | J | 64 | J | 610 | U | 610 | U | 70 | J |
| 2,4-Dinitrotoluene | 980 | | 700 | | 610 | U | 610 | U | 410 | U |
| Diethylphthalate | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 4-Chlorophenyl-phenylether | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| Fluorene | 110 | J | 90 | J | 610 | U | 610 | U | 77 | J |
| 4-Nitroaniline | 1000 | U | 1000 | U | 1500 | U | 1500 | UJ | 1000 | U |
| 4,6-Dinitro-2-methylphenol | 1000 | UJ | 1000 | UJ | 1500 | U | 1500 | UJ | 1000 | UJ |
| N-Nitrosodiphenylamine | 410 | UJ | 410 | UJ | 610 | U | 610 | UJ | 410 | UJ |
| 4-Bromophenyl-phenylether | 410 | UJ | 410 | UJ | 610 | U | 610 | UJ | 410 | UJ |
| Hexachlorobenzene | 410 | UJ | 410 | UJ | 610 | U | 610 | UJ | 410 | UJ |
| Pentachlorophenol | 630 | J | 580 | J | 1500 | U | 1500 | UJ | 1000 | UJ |
| Phenanthrene | 1200 | J | 890 | J | 250 | J | 240 | J | 590 | J |
| Anthracene | 320 | J | 240 | J | 64 | J | 610 | UJ | 170 | J |
| Carbazole | 89 | J | 70 | J | 610 | U | 610 | UJ | 410 | UJ |
| Di-n-butylphthalate | 49 | J | 39 | J | 610 | U | 610 | UJ | 410 | UJ |
| Fluoranthene | 2000 | J | 1200 | J | 320 | J | 290 | J | 1000 | J |
| Pyrene | 2900 | J | 2500 | J | 420 | J | 470 | J | 1200 | J |
| Butylbenzylphthalate | 410 | UJ | 410 | UJ | 610 | UJ | 610 | UJ | 410 | UJ |
| 3,3'-Dichlorobenzidine | 410 | UJ | 410 | UJ | 610 | UJ | 610 | UJ | 410 | UJ |
| Benzo(a)anthracene | 1300 | J | 890 | J | 210 | J | 180 | J | 610 | J |
| Chrysene | 1600 | J | 1100 | J | 320 | J | 270 | J | 730 | J |
| bis(2-Ethylhexyl)phthalate | 110 | J | 94 | J | 150 | J | 120 | J | 120 | J |
| Di-n-octylphthalate | 410 | UJ | 410 | UJ | 610 | UJ | 610 | R | 410 | UJ |
| Benzo(b)fluoranthene | 1600 | J | 950 | J | 180 | J | 140 | J | 600 | J |
| Benzo(k)fluoranthene | 1200 | J | 1000 | J | 200 | J | 290 | J | 510 | J |
| Benzo(a)pyrene | 1800 | J | 1300 | J | 250 | J | 250 | J | 720 | J |
| Indeno(1,2,3-cd)pyrene | 1600 | J | 1200 | J | 150 | J | 610 | R | 520 | J |
| Dibenz(a,h)anthracene | 710 | J | 460 | J | 68 | J | 610 | R | 230 | J |
| Benzo(g,h,i)perylene | 1800 | J | 1600 | J | 210 | J | 170 | J | 600 | J |

Analytical Results (Qualified Data)

Case #: 26961
Site:
Lab. :
Reviewer:
Date:

SDG: ECRM4
INTERLAKE PROPERTIES
AATSLA

| Sample Number: | ECCN5RE | | ECCN6 | | ECCN7 | | ECCN7RE | | ECRM4 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X113 | | X114 | | X115 | | X115 | | X212 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 08:30 | | 09:00 | | 10:00 | | 10:00 | | 18:00 | |
| %Moisture: | 19 | | 14 | | 13 | | 13 | | 20 | |
| PH: | 7.5 | | 7.6 | | 9.1 | | 9.1 | | 7.4 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | U |
| bis(2-Chloroethyl)ether | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 2-Chlorophenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | U |
| 1,3-Dichlorobenzene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 1,4-Dichlorobenzene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 1,2-Dichlorobenzene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 2-Methylphenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | U |
| 2,2'-oxybis(1-chloropropane) | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 4-Methylphenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | U |
| N-Nitroso-di-n-propylamine | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | UJ |
| Hexachloroethane | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| Nitrobenzene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| Isophorone | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 2-Nitrophenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | U |
| 2,4-Dimethylphenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | U |
| bis(2-Chloroethoxy)methane | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 2,4-Dichlorophenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | U |
| 1,2,4-Trichlorobenzene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| Naphthalene | 130 | J | 150 | J | 380 | R | 380 | UJ | 410 | U |
| 4-Chloroaniline | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| Hexachlorobutadiene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 4-Chloro-3-methylphenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | UJ |
| 2-Methylnaphthalene | 92 | J | 100 | J | 380 | R | 380 | UJ | 410 | U |
| Hexachlorocyclopentadiene | 410 | UJ | 380 | UJ | 380 | R | 380 | UJ | 410 | UJ |
| 2,4,6-Trichlorophenol | 410 | U | 380 | U | 380 | R | 380 | R | 410 | U |
| 2,4,5-Trichlorophenol | 1000 | U | 950 | U | 950 | R | 950 | R | 1000 | U |
| 2-Chloronaphthalene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 2-Nitroaniline | 1000 | U | 960 | U | 950 | R | 950 | UJ | 1000 | U |
| Dimethylphthalate | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| Acenaphthylene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 2,6-Dinitrotoluene | 410 | U | 380 | U | 380 | R | 380 | UJ | 410 | U |
| 3-Nitroaniline | 1000 | U | 960 | U | 950 | R | 950 | UJ | 1000 | U |

| Sample Number: | ECRM6RE | | ECRM7 | | ECRM7RE | | SBLKFK | | SBLKFO | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X214 | | X215 | | X215 | | | | | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | | | | |
| Time Sampled: | 13:30 | | 11:15 | | 11:15 | | | | | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.5 | | 7.3 | | 7.3 | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| *Semivolatile Compound* | *Result* | *Flag* | *Result* | *Flag* | *Result* | *Flag* | *Result* | *Flag* | *Result* | *Flag* |
| Acenaphthene | 57 | J | 52 | J | 61 | J | 330 | U | 330 | U |
| 2,4-Dinitrophenol | 1000 | R | 1300 | R | 1300 | R | 830 | R | 830 | UJ |
| 4-Nitrophenol | 1000 | U | 1300 | U | 1300 | U | 830 | U | 830 | U |
| Dibenzofuran | 75 | J | 56 | J | 54 | J | 330 | U | 330 | U |
| 2,4-Dinitrotoluene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| Diethylphthalate | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 4-Chlorophenyl-phenylether | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| Fluorene | 83 | J | 86 | J | 90 | J | 330 | U | 330 | U |
| 4-Nitroaniline | 1000 | UJ | 1300 | U | 1300 | UJ | 830 | U | 830 | U |
| 4,6-Dinitro-2-methylphenol | 1000 | UJ | 1300 | UJ | 1300 | UJ | 830 | U | 830 | U |
| N-Nitrosodiphenylamine | 410 | UJ | 510 | UJ | 510 | UJ | 330 | U | 330 | U |
| 4-Bromophenyl-phenylether | 410 | UJ | 510 | UJ | 510 | UJ | 330 | U | 330 | U |
| Hexachlorobenzene | 410 | UJ | 510 | UJ | 510 | UJ | 330 | U | 330 | U |
| Pentachlorophenol | 1000 | UJ | 1300 | UJ | 1300 | UJ | 830 | U | 830 | U |
| Phenanthrene | 700 | J | 480 | J | 450 | J | 330 | U | 330 | U |
| Anthracene | 160 | J | 110 | J | 100 | J | 330 | U | 330 | U |
| Carbazole | 46 | J | 510 | UJ | 510 | UJ | 330 | U | 330 | U |
| Di-n-butylphthalate | 410 | UJ | 59 | J | 510 | UJ | 330 | U | 330 | U |
| Fluoranthene | 940 | J | 650 | J | 540 | J | 330 | U | 330 | U |
| Pyrene | 1600 | J | 700 | J | 930 | J | 330 | U | 330 | U |
| Butylbenzylphthalate | 410 | UJ | 76 | J | 60 | J | 330 | U | 330 | U |
| 3,3'-Dichlorobenzidine | 410 | UJ | 510 | UJ | 510 | UJ | 330 | U | 330 | U |
| Benzo(a)anthracene | 590 | J | 320 | J | 310 | J | 330 | U | 330 | U |
| Chrysene | 680 | J | 430 | J | 360 | J | 330 | U | 330 | U |
| bis(2-Ethylhexyl)phthalate | 100 | J | 340 | J | 260 | J | 330 | U | 330 | U |
| Di-n-octylphthalate | 410 | R | 510 | UJ | 510 | R | 330 | U | 330 | U |
| Benzo(b)fluoranthene | 480 | J | 290 | J | 240 | J | 330 | U | 330 | U |
| Benzo(k)fluoranthene | 850 | J | 280 | J | 430 | J | 330 | U | 330 | U |
| Benzo(a)pyrene | 730 | J | 340 | J | 350 | J | 330 | U | 330 | U |
| Indeno(1,2,3-cd)pyrene | 290 | J | 200 | J | 510 | R | 330 | U | 330 | U |
| Dibenz(a,h)anthracene | 200 | J | 510 | UJ | 510 | R | 330 | U | 330 | U |
| Benzo(g,h,i)perylene | 510 | J | 240 | J | 220 | J | 330 | UJ | 330 | U |

Analytical Results (Qualified Data)

Case #: 26961
Site:
Lab. :
Reviewer:
Date:

SDG: ECRM4
INTERLAKE PROPERTIES
AATSLA

| Sample Number: | ECRM4MS | | ECRM4MSD | | ECRM5 | | ECRM5RE | | ECRM6 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X212 | | X212 | | X213 | | X213 | | X214 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 18:00 | | 18:00 | | 13:00 | | 13:00 | | 13:30 | |
| %Moisture: | 20 | | 20 | | 46 | | 46 | | 20 | |
| PH: | 7.4 | | 7.3 | | 7 | | 7 | | 7.5 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 950 | | 1200 | | 610 | U | 610 | U | 410 | U |
| bis(2-Chloroethyl)ether | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2-Chlorophenol | 990 | | 1200 | | 610 | U | 610 | U | 410 | U |
| 1,3-Dichlorobenzene | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 1,4-Dichlorobenzene | 660 | | 840 | | 610 | U | 610 | U | 410 | U |
| 1,2-Dichlorobenzene | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2-Methylphenol | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2,2'-oxybis(1-chloropropane) | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 4-Methylphenol | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| N-Nitroso-di-n-propylamine | 840 | | 890 | | 610 | U | 610 | U | 410 | U |
| Hexachloroethane | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| Nitrobenzene | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| Isophorone | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2-Nitrophenol | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2,4-Dimethylphenol | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| bis(2-Chloroethoxy)methane | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2,4-Dichlorophenol | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 1,2,4-Trichlorobenzene | 850 | | 1100 | | 610 | U | 610 | U | 410 | U |
| Naphthalene | 39 | J | 58 | J | 87 | J | 83 | J | 100 | J |
| 4-Chloroaniline | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| Hexachlorobutadiene | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 4-Chloro-3-methylphenol | 750 | | 1100 | | 610 | U | 610 | U | 410 | U |
| 2-Methylnaphthalene | 45 | J | 110 | J | 99 | J | 96 | J | 92 | J |
| Hexachlorocyclopentadiene | 410 | UJ | 410 | UJ | 610 | UJ | 610 | UJ | 410 | UJ |
| 2,4,6-Trichlorophenol | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2,4,5-Trichlorophenol | 1000 | U | 1000 | U | 1500 | U | 1500 | U | 1000 | U |
| 2-Chloronaphthalene | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2-Nitroaniline | 1000 | U | 1000 | U | 1500 | U | 1500 | U | 1000 | U |
| Dimethylphthalate | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| Acenaphthylene | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 2,6-Dinitrotoluene | 410 | U | 410 | U | 610 | U | 610 | U | 410 | U |
| 3-Nitroaniline | 1000 | U | 1000 | U | 1500 | U | 1500 | U | 1000 | U |

Analytical Results (Qualified Data)

Case #: 26961
SDG: ECRM4
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECRM6RE | | ECRM7 | | ECRM7RE | | SBLKFK | | SBLKFO | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X214 | | X215 | | X215 | | | | | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | | | | |
| Time Sampled: | 13:30 | | 11:15 | | 11:15 | | | | | |
| %Moisture: | 20 | | 35 | | 35 | | | | | |
| PH: | 7.5 | | 7.3 | | 7.3 | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| bis(2-Chloroethyl)ether | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2-Chlorophenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 1,3-Dichlorobenzene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 1,4-Dichlorobenzene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 1,2-Dichlorobenzene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2-Methylphenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2,2'-oxybis(1-chloropropane) | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 4-Methylphenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| N-Nitroso-di-n-propylamine | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| Hexachloroethane | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| Nitrobenzene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| Isophorone | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2-Nitrophenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2,4-Dimethylphenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| bis(2-Chloroethoxy)methane | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2,4-Dichlorophenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 1,2,4-Trichlorobenzene | 410 | U | 510 | U | 510 | U | 130 | J | 330 | U |
| Naphthalene | 100 | J | 110 | J | 110 | J | 330 | U | 330 | U |
| 4-Chloroaniline | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| Hexachlorobutadiene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 4-Chloro-3-methylphenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2-Methylnaphthalene | 96 | J | 72 | J | 71 | J | 330 | U | 330 | U |
| Hexachlorocyclopentadiene | 410 | UJ | 510 | UJ | 510 | UJ | 330 | UJ | 330 | U |
| 2,4,6-Trichlorophenol | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2,4,5-Trichlorophenol | 1000 | U | 1300 | U | 1300 | U | 830 | U | 830 | U |
| 2-Chloronaphthalene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2-Nitroaniline | 1000 | U | 1300 | U | 1300 | U | 830 | U | 830 | U |
| Dimethylphthalate | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| Acenaphthylene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 2,6-Dinitrotoluene | 410 | U | 510 | U | 510 | U | 330 | U | 330 | U |
| 3-Nitroaniline | 1000 | U | 1300 | U | 1300 | U | 830 | U | 830 | U |

Analytical Results (Qualified Data)

Case #: 26961 SDG: ECRM4
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

Number of Soil Samples : 9
Number of Water Samples : 0

| Sample Number: | ECCN3 | | ECCN4 | | ECCN5 | | ECCN6 | | ECCN7 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X111 | | X112 | | X113 | | X114 | | X115 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 11:00 | | 10:30 | | 08:30 | | 09:00 | | 10:00 | |
| %Moisture: | 50 | | 23 | | 19 | | 14 | | 13 | |
| PH: | 6.8 | | 7.6 | | 7.5 | | 7.6 | | 9.1 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 5.0 | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| beta-BHC | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| delta-BHC | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| gamma-BHC (Lindane) | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| Heptachlor | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| Aldrin | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| Heptachlor Epoxide | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 2.8 | J |
| Endosulfan I | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| Dieldrin | 9.8 | J | 4.3 | UJ | 4.1 | UJ | 3.8 | R | 12 | J |
| 4,4'-DDE | 49 | J | 5.8 | J | 17 | J | 3.8 | R | 19 | UJ |
| Endrin | 4.7 | J | 1.6 | J | 4.1 | UJ | 3.8 | R | 8.1 | J |
| Endosulfan II | 6.6 | UJ | 4.3 | UJ | 4.1 | UJ | 3.8 | R | 19 | UJ |
| 4,4'-DDD | 60 | J | 4.3 | UJ | 5.7 | J | 3.8 | R | 19 | UJ |
| Endosulfan Sulfate | 8.5 | J | 2.8 | J | 4.2 | J | 3.8 | R | 19 | UJ |
| 4,4'-DDT | 36 | J | 4.3 | J | 10 | J | 3.8 | R | 13 | J |
| Methoxychlor | 34 | UJ | 22 | UJ | 21 | UJ | 20 | R | 98 | UJ |
| Endrin Ketone | 6.6 | UJ | 2.4 | J | 3.8 | J | 3.8 | R | 19 | UJ |
| Endrin Aldehyde | 4.8 | J | 1.5 | J | 3.5 | J | 3.8 | R | 40 | J |
| alpha-Chlordane | 3.0 | J | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| gamma-Chlordane | 3.4 | UJ | 2.2 | UJ | 2.1 | UJ | 2.0 | R | 9.8 | UJ |
| Toxaphene | 340 | UJ | 220 | UJ | 210 | UJ | 200 | R | 980 | UJ |
| Aroclor-1016 | 66 | UJ | 43 | UJ | 41 | UJ | 38 | R | 190 | UJ |
| Aroclor-1221 | 130 | UJ | 87 | UJ | 83 | UJ | 78 | R | 380 | UJ |
| Aroclor-1232 | 66 | UJ | 43 | UJ | 41 | UJ | 38 | R | 190 | UJ |
| Aroclor-1242 | 66 | UJ | 43 | UJ | 41 | UJ | 38 | R | 190 | UJ |
| Aroclor-1248 | 66 | UJ | 43 | UJ | 41 | UJ | 38 | R | 190 | UJ |
| Aroclor-1254 | 66 | UJ | 43 | UJ | 41 | UJ | 38 | R | 190 | UJ |
| Aroclor-1260 | 66 | UJ | 43 | UJ | 41 | UJ | 38 | R | 190 | UJ |

Case #: 26961 SDG: ECRM4
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECRM4 | | ECRM4MS | | ECRM4MSD | | ECRM5 | | ECRM6 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X212 | | X212 | | X212 | | X213 | | X214 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 18:00 | | 18:00 | | 18:00 | | 13:00 | | 13:30 | |
| %Moisture. | 20 | | 20 | | 20 | | 46 | | 20 | |
| PH: | 7.4 | | 7.4 | | 7.4 | | 7 | | 7.5 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 2.1 | UJ | 2.1 | UJ | 2.1 | UJ | 3.2 | UJ | 2.1 | UJ |
| beta-BHC | 2.1 | UJ | 2.1 | UJ | 2.1 | UJ | 3.2 | UJ | 2.1 | UJ |
| delta-BHC | 2.1 | UJ | 2.1 | UJ | 2.1 | UJ | 3.2 | UJ | 2.1 | UJ |
| gamma-BHC (Lindane) | 2.1 | UJ | 11 | J | 16 | J | 3.2 | UJ | 2.1 | UJ |
| Heptachlor | 2.1 | UJ | 12 | J | 16 | J | 3.2 | UJ | 2.1 | UJ |
| Aldrin | 2.1 | UJ | 10 | J | 12 | J | 3.2 | UJ | 2.1 | UJ |
| Heptachlor Epoxide | 2.1 | UJ | 2.1 | UJ | 2.1 | UJ | 3.2 | UJ | 2.1 | UJ |
| Endosulfan I | 2.1 | UJ | 2.1 | UJ | 2.1 | UJ | 3.2 | UJ | 2.1 | UJ |
| Dieldrin | 4.1 | UJ | 23 | J | 28 | J | 6.1 | UJ | 1.2 | J |
| 4,4'-DDE | 4.1 | UJ | 4.1 | UJ | 2.0 | J | 6.1 | UJ | 3.9 | J |
| Endrin | 4.1 | UJ | 27 | J | 36 | J | 6.1 | UJ | 4.1 | UJ |
| Endosulfan II | 4.1 | UJ | 4.1 | UJ | 4.1 | UJ | 6.1 | UJ | 4.1 | UJ |
| 4,4'-DDD | 4.1 | UJ | 4.1 | UJ | 3.4 | J | 6.1 | UJ | 8.2 | J |
| Endosulfan Sulfate | 4.1 | UJ | 4.1 | UJ | 4.1 | UJ | 6.1 | UJ | 4.1 | UJ |
| 4,4'-DDT | 4.1 | UJ | 27 | J | 30 | J | 6.1 | UJ | 3.5 | J |
| Methoxychlor | 21 | UJ | 21 | UJ | 21 | UJ | 31 | UJ | 21 | UJ |
| Endrin Ketone | 2.7 | J | 5.1 | J | 7.0 | J | 6.1 | UJ | 3.4 | J |
| Endrin Aldehyde | 4.1 | UJ | 4.1 | UJ | 4.1 | UJ | 6.1 | UJ | 4.1 | UJ |
| alpha-Chlordane | 2.2 | J | 2.1 | UJ | 2.8 | J | 3.2 | UJ | 1.4 | J |
| gamma-Chlordane | 2.1 | UJ | 2.1 | UJ | 2.1 | UJ | 3.2 | UJ | 2.1 | UJ |
| Toxaphene | 210 | UJ | 210 | UJ | 210 | UJ | 310 | UJ | 210 | UJ |
| Aroclor-1016 | 41 | UJ | 41 | UJ | 41 | UJ | 61 | UJ | 41 | UJ |
| Aroclor-1221 | 84 | UJ | 84 | UJ | 84 | UJ | 120 | UJ | 84 | UJ |
| Aroclor-1232 | 41 | UJ | 41 | UJ | 41 | UJ | 61 | UJ | 41 | UJ |
| Aroclor-1242 | 41 | UJ | 41 | UJ | 41 | UJ | 61 | UJ | 41 | UJ |
| Aroclor-1248 | 41 | UJ | 41 | UJ | 41 | UJ | 61 | UJ | 41 | UJ |
| Aroclor-1254 | 41 | UJ | 41 | UJ | 41 | UJ | 61 | UJ | 41 | UJ |
| Aroclor-1260 | 41 | UJ | 41 | UJ | 41 | UJ | 61 | UJ | 41 | UJ |

Analytical Results (Qualified Data)

Case #: 26961 SDG: ECRM4
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number: | ECRM7 | | PBLK2 | | | | | | | |
| Sampling Location: | X215 | | | | | | | | | |
| Matrix: | Soil | | Soil | | | | | | | |
| Units: | ug/kg | | ug/kg | | | | | | | |
| Date Sampled: | 04/28/99 | | | | | | | | | |
| Time Sampled: | 11:15 | | | | | | | | | |
| %Moisture: | 35 | | | | | | | | | |
| PH: | 7.3 | | 0 | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | | | | | | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 2.6 | UJ | 1.7 | U | | | | | | |
| beta-BHC | 2.6 | UJ | 1.7 | U | | | | | | |
| delta-BHC | 2.6 | UJ | 1.7 | U | | | | | | |
| gamma-BHC (Lindane) | 2.6 | UJ | 1.7 | U | | | | | | |
| Heptachlor | 2.6 | UJ | 1.7 | U | | | | | | |
| Aldrin | 2.6 | UJ | 1.7 | U | | | | | | |
| Heptachlor Epoxide | 2.6 | UJ | 1.7 | U | | | | | | |
| Endosulfan I | 2.6 | UJ | 1.7 | U | | | | | | |
| Dieldrin | 5.1 | UJ | 3.3 | U | | | | | | |
| 4,4'-DDE | 2.7 | J | 3.3 | U | | | | | | |
| Endrin | 5.1 | UJ | 3.3 | U | | | | | | |
| Endosulfan II | 5.1 | UJ | 3.3 | U | | | | | | |
| 4,4'-DDD | 14 | J | 3.3 | U | | | | | | |
| Endosulfan Sulfate | 3.1 | J | 3.3 | U | | | | | | |
| 4,4'-DDT | 5.1 | UJ | 3.3 | U | | | | | | |
| Methoxychlor | 26 | UJ | 17 | U | | | | | | |
| Endrin Ketone | 1.4 | J | 3.3 | U | | | | | | |
| Endrin Aldehyde | 2.5 | J | 3.3 | U | | | | | | |
| alpha-Chlordane | 2.6 | UJ | 1.7 | U | | | | | | |
| gamma-Chlordane | 2.6 | UJ | 1.7 | U | | | | | | |
| Toxaphene | 260 | UJ | 170 | U | | | | | | |
| Aroclor-1016 | 51 | UJ | 33 | U | | | | | | |
| Aroclor-1221 | 100 | UJ | 67 | U | | | | | | |
| Aroclor-1232 | 51 | UJ | 33 | U | | | | | | |
| Aroclor-1242 | 51 | UJ | 33 | U | | | | | | |
| Aroclor-1248 | 51 | UJ | 33 | U | | | | | | |
| Aroclor-1254 | 51 | UJ | 33 | U | | | | | | |
| Aroclor-1260 | 51 | UJ | 33 | U | | | | | | |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Data Set No: ECRM4 CERCLIS No: ILD ØØØ 81Ø 432

Case No: 26961 Site Name Location: Interlake Properties

Contractor or EPA Lab: AATSLA Data User: IEPA

No. of Samples: 9 Date Sampled or Data Received: June 10, 1999

Have Chain-of-Custody records been received? Yes ✓ No ____
Have traffic reports or packing lists been received? Yes ✓ No ____
If no, are traffic report or packing list numbers written on the chain-of-custody record? Yes ____ No ____
If no, which traffic report or packing list numbers are missing?

Are basic data forms in? Yes ✓ No ____
No of samples claimed: 9 No. of samples received: 9

Received by: A. C. Harvey Date: June 10, 1999

Received by LSSS: A. C. Harvey Date: June 10, 19

Review started: June 17, 1999 Reviewer Signature: [illegible]

Total time spent on review: 6-22-99 Date review completed: 15.5

Copied by: Lynette Burnett Date: 6-29-99

Mailed to user by: Lynette Burnett Date: 6-29-99

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffen, Data mgmt. Coordinator, Region V, 5SCRL

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

Received by Data Mgmt. Coordinator for Files. Data: ____

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

DATE: _____

SUBJECT: Review of Data
Received for Review on June 10, 1999

FROM: Stephen L. Ostrodka, Chief (SRT-4J)
Superfund Technical Support Section

for Steve Ostrodka
Richard L Bajnik
6/23/99

TO: Data User: IEPA

We have reviewed the data for the following case:

SITE NAME: INTERLAKE PROPERTIES (IL)

ASE NUMBER: 26961 SDG NUMBER: ECCM3

Number and Type of Samples: 20 Soils

Sample Numbers: ECCM3 - ECCM7, ECCM9, ECCN0 - ECCN2, ECCP1 - ECCP9, ECRM2, ECRM3

Laboratory: AATSLA Hrs. for Review: 16.0 hrs

Following are our findings:

The data are usable and acceptable with the qualifications described in the attached narrative.

Richard L Bajnik

cc: Cecilia Luckett Moore
Region 5 TPO
Mail Code: SM-5J

**Case Number :** 26961 **SDG Number:** ECCM3
**Site Name:** INTERLAKE PROPERTIES (IL) **Laboratory:** AATSLA

**Below is a summary of the out-of-control audits and the possible effects on the data for this case:**

*Twenty (20) soil* samples, numbered *ECCM3* through *ECCM7, ECCM9, ECCN0* through *ECCN2, ECCP1* through *ECCP9, ECRM2* and *ECRM3,* were collected *April 28 - 29, 1999.* The lab received the samples on *April 30, 1999* in good condition. All samples were analyzed for the semivolatile and pesticide/PCB lists of organic analytes. All were analyzed according to CLP SOW *OLM03.2* 3/90.

Reviewed By: A.C.Harvey/Lockheed-Martin ESAT
Date: June 18, 1999

Case Number : 26961 SDG Number: ECCM3
.te Name: INTERLAKE PROPERTIES (IL) Laboratory: AATSLA

## 1. HOLDING TIME

The following semivolatile soil samples are outside primary extraction holding time criteria. Hits are qualified "J" and non-detects are qualified "UJ" unless otherwise qualified in the following sections.

ECCM3RE, ECCM4DLRE, ECCM5DLRE, ECCM9RE, ECCN2RE, ECCP2RE, ECCP3DLRE, ECCP4RE, ECCP5RE, ECCP6RE, ECCP7RE, ECCP8RE, ECCP9DLRE, ECRM2DLRE, ECRM3RE

The following pesticide soil samples are outside primary extraction holding time criteria. Hits are qualified "J" and non-detects are qualified "UJ".

ECCM4, ECCM7

The following pesticide soil samples are outside expanded extraction holding time criteria. Hits are qualified "J" and non-detects are qualified "R".

ECCP6

## 2. GC/MS TUNING AND GC INSTRUMENT PERFORMANCE

.o problems found for this qualification.

## 3. CALIBRATION

The following semivolatile samples are associated with a continuing calibration whose corresponding initia calibration has relative response factors (RRFs) outside primary criteria. Hits are flagged "J" and non-detects are qualified "R".

2,4-Dinitrophenol
ECCM3, ECCM4, ECCM5, ECCM6, ECCM6DL, ECCM7, ECCM7RE, ECCM9, ECCN0, ECCN0RE, ECCN1, ECCN1MS, ECCN1MSD, ECCN2, ECCP1, ECCP1RE, ECCP2, ECCP3 ECCP4, ECCP5, ECCP6, ECCP7, ECCP8, ECCP9, ECRM2, ECRM3, SBLKFL

The following semivolatile samples are associated with a continuing calibration whose corresponding initia calibration has percent relative standard deviation (%RSD) outside primary criteria. Hits are qualified "J" and non-detects are flagged "UJ".

Hexachlorocyclopentadiene
ECCM3, ECCM4, ECCM5, ECCM6, ECCM6DL, ECCM7, ECCM7RE, ECCM9, ECCN0, ECCN0RE, ECCN1, ECCN1MS, ECCN1MSD, ECCN2, ECCP1, ECCP1RE, ECCP2, ECCP4 ECCP5, ECCP6, ECCP7, ECCP8, ECCP9, ECRM2, ECRM3, SBLKFL

The following semivolatile samples are associated with a continuing calibration percent difference (%D)

**Case Number : 26961** **SDG Number: ECCM3**
**Site Name: INTERLAKE PROPERTIES (IL)** **Laboratory: AATSLA**

outside primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

Phenol, 4-Nitrophenol
ECCM6DL, ECCM7RE, ECCN0RE, ECCP1RE, ECCP5, ECCP6, ECCP7, ECCP8, ECRM2, ECRM3

2,2'-oxybis(1-Chloropropane), N-Nitroso-di-n-propylamine, 2-Nitroaniline, 3-Nitroaniline
ECCM6DL, ECCM7RE, ECCN0RE, ECCP1RE, ECCP5, ECCP6, ECCP7, ECCP8, ECCP9, ECRM2, ECRM3

Hexachlorocyclopentadiene, Benzo(g,h,i)perylene
ECCP3DLRE, ECCP9DLRE, ECRM3RE

3,3'-Dichlorobenzidine
ECCP9DLRE, ECRM3RE

2,4-Dinitrophenol
ECCM3RE, ECCM4DLRE, ECCM5DLRE, ECCM9RE, ECCN2RE, ECCP2RE, ECCP4RE, ECCP5RE, ECCP6RE, ECCP7RE, ECCP8RE, ECRM2DLRE, SBLKFO

4-Nitroaniline
ECCM3, ECCM4, ECCM5, ECCM6, ECCM6DL, ECCM7, ECCM7RE, ECCM9, ECCN0, ECCN0RE, ECCN1, ECCN1MS, ECCN1MSD, ECCN2, ECCP1, ECCP1RE, ECCP2, ECCP4, ECCP5, ECCP6, ECCP7, ECCP8, ECCP9, ECRM2, ECRM3, SBLKFL

4,6-Dinitro-2-methylphenol
ECCM3, ECCM4, ECCM6, ECCM6DL, ECCM7, ECCM7RE, ECCN0, ECCN0RE, ECCN1, ECCN1MS, ECCN1MSD, ECCN2, ECCP1, ECCP1RE, ECCP5, ECCP6, ECCP7, ECCP8, ECRM2, ECRM3, SBLKFL

Benzo(k)fluoranthene
ECCM3, ECCM4, ECCM5, ECCM6, ECCM7, ECCM9, ECCN0, ECCN1, ECCN1MS, ECCN1MSD, ECCN2, ECCP1, ECCP3, ECCP4, SBLKFL

## 4. BLANKS

The blank associated with the following sample was qualified "R" during a previous qualification.

ECCM3, ECCM4, ECCM5, ECCM6, ECCM6DL, ECCM7, ECCM7RE, ECCM9, ECCN0, ECCN0RE, ECCN1, ECCN1MS, ECCN1MSD, ECCN2, ECCP1, ECCP1RE, ECCP2, ECCP3, ECCP4, ECCP5, ECCP6, ECCP7, ECCP8, ECCP9, ECRM2, ECRM3
2,4-Dinitrophenol

ıse Number : 26961 SDG Number: ECCM3
ɔite Name: INTERLAKE PROPERTIES (IL) Laboratory: AATSLA

The following semivolatile samples have analyte concentrations reported above the CRQL and less than o equal to ten times (10X) the associated method blank concentration. Hits are qualified "U" or "UJ" and non-detects are not flagged.

ECCM6
Di-n-butylphthalate

The following semivolatile samples have analyte concentrations reported below the CRQL and less than o equal to ten times (10X) the associated method blank concentration. Reported sample concentrations have been elevated to the CRQL. Hits are qualified "U" or "UJ" and non-detects are not flagged.

Di-n-butylphthalate
ECCM4, ECCM5, ECCM6DL, ECCM7, ECCM7RE, ECCM9, ECCN0, ECCN0RE, ECCN1, ECCN1MS, ECCN1MSD, ECCN2, ECCP1, ECCP1RE, ECCP5, ECCP6, ECCP7, ECRM2, ECRM3

## 5. SYSTEM MONITORING COMPOUND AND SURROGATE RECOVERY

The following semivolatile samples have one base/neutral surrogate recovery below the lower limit of the ·iteria window and greater than 10%. Hits and non-detects are not qualified unless two or more surrogates, within the same fraction, are outside the criteria window.

ECCN2, ECCP1RE

The following semivolatile samples have one acid surrogate recovery below the lower limit of the criteria window and greater than 10%. Hits and non-detects are not qualified unless two or more surrogates, within the same fraction, are outside the criteria window.

ECCP1, ECCP1RE, ECRM3

The following diluted semivolatile samples have two or more acid surrogate recoveries below the lower lim of the criteria window and greater than 10%. Hits and non-detects are not qualified.

ECCM6DL

The following semivolatile samples have two or more base/neutral surrogate recoveries below the lower limit of the criteria window and greater than 10%. Hits are qualified "J" and non-detects are qualified "UJ" unless otherwise qualified in the following sections.

ECCP2, ECCP4, ECCP5, ECCP8, ECCP9, ECRM3

ı he following semivolatile samples have two or more acid surrogate recoveries below the lower limit of the criteria window and greater than 10%. Hits are qualified "J" and non-detects are qualified "UJ" unless

otherwise qualified in the following sections.

ECCM3, ECCM4, ECCN2, ECCP5, ECCP6, ECCP7, ECCP8, ECRM2

The following semivolatile samples have base/neutral surrogate recoveries of less than 10%. Hits are qualified "J" and non-detects are qualified "R".

ECCP3

The following semivolatile samples have acid surrogate recoveries of less than 10%. Hits are qualified "J" and non-detects are qualified "R".

ECCM5, ECCM9, ECCP2, ECCP3, ECCP4, ECCP9

The following diluted pesticide samples have surrogate percent recoveries which exceed the upper limit of the criteria window. Hits and non-detects are not flagged.

ECCM6, ECCN1, ECRM3

The following pesticide samples have surrogate percent recoveries which exceed the upper limit of th criteria window. Hits are qualified "J" and non-detects are not flagged.

ECCM5, ECCM7, ECCM9, ECCN1MS, ECCN1MSD

The following pesticide samples have surrogate percent recoveries outside the lower limit of the criteria window, but greater than 10%. Hits are qualified "J" and non-detects are qualified "UJ".

ECCM4, ECCN0

## 6. MATRIX SPIKE/MATRIX SPIKE DUPLICATE

The relative percent difference (RPD) between the following semivolatile matrix spike and matrix spike duplicate recoveries is outside criteria.

ECCN1MS, ECCN1MSD
Pentachlorophenol, Pyrene

The following semivolatile matrix spike/matrix spike duplicate samples have percent recovery outside criteria.

ECCN1MS
N-Nitroso-di-n-propylamine, 1,2,4-Trichlorobenzene, 4-Chloro-3-methylphenol, Pentachlorophenol

ECCN1MSD
N-Nitroso-di-n-propylamine, Pentachlorophenol, Pyrene

The presence N-Nitroso-di-n-propylamine, 1,2,4-Trichlorobenzene, 4-Chloro-3-methylphenol and Pyrene in the unspiked sample, ECCN1, is qualified "J" and non-detects are flagged "UJ". The presence of Pentachlorophenol in the unspiked sample, ECCN1, is qualified "J" and non-detects are qualified "R" because the recovery was less than 10 percent (10%).

The relative percent difference (RPD) between the following pesticide matrix spike and matrix spike duplicate recoveries is outside criteria. The presence of Aldrin and Dieldrin in the unspiked sample, ECCN1, is qualified "J" and non-detects are flagged "UJ".

ECCN1MS, ECCN1MSD
Aldrin, Dieldrin

The following pesticide matrix spike/matrix spike duplicate samples have percent recovery outside criteria. The presence of gamma-BHC in the unspiked sample, ECCN1, is qualified "J" and non-detects are flagged "UJ".

ECCN1MS
gamma-BHC (Lindane)

## 7. FIELD BLANK AND FIELD DUPLICATE

No samples were field blanks or field duplicates. Results are not qualified based upon the results of the field blank or field duplicates.

## 8. INTERNAL STANDARDS

The following semivolatile samples have internal standard area counts that are outside the lower limit of primary criteria. Hits are qualified "J" and non-detects are qualified "UJ".

ECCM3
Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 2,6-Dinitrotoluene, 3-Nitroaniline, Acenaphthene, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

**Case Number :** 26961 **SDG Number:** ECCM3
**Site Name:** INTERLAKE PROPERTIES (IL) **Laboratory:** AATSLA

ECCM3RE, ECCM4DLRE, ECCM5DLRE, ECCM9RE, ECCN2RE, ECCP1RE, ECCP4RE, ECCP5RE, ECCP7RE, ECCP8, ECCP8RE, ECCP9, ECRM2DLRE
Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCM4, ECCM7, ECCN0, ECCP1, ECCP2, ECRM3RE
Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate

ECCM5
N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

ECCM6
4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

ECCM7RE, ECCN0RE, ECCN2, ECCP2RE, ECCP4, ECCP6RE, ECCP7, ECRM2
Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCM9
N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate

ECCN1
Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 2,6-Dinitrotoluene, 3-Nitroaniline, Acenaphthene, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

ECCN1MS, ECCN1MSD
Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, bis(2-Chloroethoxy)methane, 2,4-Dichlorophenol, 1,2,4-Trichlorobenzene, Naphthalene, 4-Chloroaniline, Hexachlorobutadiene, 4-Chloro-3-methylphenol, 2-Methylnaphthalene, Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol,

2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 2,6-Dinitrotoluene 3-Nitroaniline, Acenaphthene, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene

ECCP3

Pyrene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate

ECCP3DLRE

Phenol, bis(2-Chloroethyl)ether, 2-Chlorophenol, 1,3-Dichlorobenzene, 1,4-Dichlorobenzen 1,2-Dichlorobenzene, 2-Methylphenol, 2,2'-oxybis(1-Chloropropane), 4-Methylphenol, N-Nitroso-di-n-propylamine, Hexachloroethane, Nitrobenzene, Isophorone, 2-Nitrophenol, 2,4-Dimethylphenol, bis(2-Chloroethoxy)methane, 2,4-Dichlorophenol, 1,2,4-Trichlorobenzene, Naphthalene, 4-Chloroaniline, Hexachlorobutadiene, 4-Chloro-3-methylphenol, 2-Methylnaphthalene, Hexachlorocyclopentadiene, 2,4,6-Trichlorophenol, 2,4,5-Trichlorophenol, 2-Chloronaphthalene, 2-Nitroaniline, Dimethylphthalate, Acenaphthylene, 2,6-Dinitrotoluene, 3-Nitroaniline, Acenaphthene, 2,4-Dinitrophenol, 4-Nitrophenol, Dibenzofuran, 2,4-Dinitrotoluene, Diethylphthalate, 4-Chlorophenyl-phenylether, Fluorene, 4-Nitroaniline

ECCP9DLRE

4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate

The following semivolatile samples have internal standard area counts outside expanded criteria. Hits ar qualified "J" and non-detects are qualified "R".

ECCM3, ECCM5, ECCM6, ECCN1, ECCN1MS, ECCN1MSD

Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthen Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCM4, ECCM7, ECCM9, ECCN0, ECCP1, ECCP2, ECCP3, ECCP9DLRE, ECRM3RE

Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCP3DLRE

4,6-Dinitro-2-methylphenol, N-Nitrosodiphenylamine (1), 4-Bromophenyl-phenylether, Hexachlorobenzene, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole,

Di-n-butylphthalate, Fluoranthene, Pyrene, Butylbenzylphthalate, 3,3'-Dichlorobenzidine, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Di-n-octylphthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

## 9. COMPOUND IDENTIFICATION

After reviewing the mass spectra and chromatograms it appears that all VOA, SVOA, and Pesticide/PCB compounds were properly identified.

## 10. COMPOUND QUANTITATION AND REPORTED DETECTION LIMITS

The following semivolatile samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

ECCM3

Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Phenanthrene, Anthracene, Benzo(a)anthracene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCM3RE

Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Dibenzofuran, Phenanthrene, Anthracene, Carbazole, Di-n-butylphthalate, Benzo(a)anthracene, bis(2-Ethylhexyl)phthalate, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCM4

Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Carbazole, bis(2-Ethylhexyl)phthalate, Dibenz(a,h)anthracene

ECCM4DLRE

Naphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, bis(2-Ethylhexyl)phthalate, Dibenz(a,h)anthracene

ECCM5

Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Dibenzofuran, Fluorene, Carbazole, bis(2-Ethylhexyl)phthalate

ECCM5DLRE

Naphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, Dibenz(a,h)anthracene

Case Number : 26961 SDG Number: ECCM3
Site Name: INTERLAKE PROPERTIES (IL) Laboratory: AATSLA

ECCM6
Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Dibenzofuran, Fluorene, Carbazole, bis(2-Ethylhexyl)phthalate, Indeno(1,2,3-cd)pyrene

ECCM6DL
Naphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, Benzo(b)fluoranthene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCM7
Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, bis(2-Ethylhexyl)phthalate, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene

ECCM7RE
Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, bis(2-Ethylhexyl)phthalate, Dibenz(a,h)anthracene

ECCM9
Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCM9RE
Phenanthrene, Di-n-butylphthalate, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCN0
Naphthalene, 2-Methylnaphthalene, Dibenzofuran, Phenanthrene, Fluoranthene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCN0RE
Naphthalene, 2-Methylnaphthalene, Phenanthrene, Fluoranthene, Pyrene, Butylbenzylphthalate, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCN1
Acenaphthylene, Dibenzofuran, Anthracene, Carbazole, Butylbenzylphthalate, Benzo(b)fluoranthene, Dibenz(a,h)anthracene

ECCN1MS
Acenaphthylene, 4-Nitrophenol, Dibenzofuran, Pentachlorophenol, Anthracene, Carbazole, Butylbenzylphthalate, Dibenz(a,h)anthracene

Reviewed By: A.C.Harvey/Lockheed-Martin ESAT
Date: June 18, 1999

**Case Number :** 26961 **SDG Number:** ECCM3
**Site Name:** INTERLAKE PROPERTIES (IL) **Laboratory:** AATSLA

ECCN1MSD

Naphthalene, Acenaphthylene, 4-Nitrophenol, Pentachlorophenol, Phenanthrene, Anthracene, Carbazole, Butylbenzylphthalate, Benzo(a)anthracene, bis(2-Ethylhexyl)phthalate, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene

ECCN2

Phenanthrene, Fluoranthene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCN2RE

Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCP1

Acenaphthene, Fluorene, Anthracene, bis(2-Ethylhexyl)phthalate, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCP1RE

Acenaphthene, Fluorene, Anthracene, bis(2-Ethylhexyl)phthalate, Indeno(1,2,3-cd)pyre Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCP2

Pyrene

ECCP2RE

Naphthalene, 2-Methylnaphthalene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Di-n-butylphthalate, Benzo(a)anthracene, bis(2-Ethylhexyl)phthalate, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCP3

2-Methylnaphthalene, Acenaphthene, Fluorene, Anthracene, Fluoranthene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCP3DLRE

bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene

ECCP4

Phenanthrene, Fluoranthene, Pyrene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(k)fluoranthene

Reviewed By: A.C.Harvey/Lockheed-Martin ESAT
Date: June 18, 1999

Case Number : 26961 SDG Number: ECCM3
Site Name: INTERLAKE PROPERTIES (IL) Laboratory: AATSLA

ECCP4RE

Naphthalene, 2-Methylnaphthalene, Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

ECCP5

Phenanthrene, Fluoranthene, Pyrene, Chrysene, Benzo(k)fluoranthene

ECCP5RE

Phenanthrene, Fluoranthene, Pyrene, Benzo(a)anthracene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCP6

Phenanthrene, Fluoranthene, Pyrene, Chrysene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene

ECCP6RE

Phenanthrene, Fluoranthene, Pyrene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Benzo(g,h,i)perylene

ECCP7

Naphthalene, 2-Methylnaphthalene, Dibenzofuran, Phenanthrene, Anthracene, Fluoranthene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCP7RE

Naphthalene, 2-Methylnaphthalene, Acenaphthylene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, Di-n-butylphthalate, bis(2-Ethylhexyl)phthalate, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCP8

Fluorene, Phenanthrene, Anthracene, Fluoranthene, Benzo(a)anthracene, Chrysene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

ECCP8RE

Naphthalene, Acenaphthene, Dibenzofuran, Fluorene, Phenanthrene, Anthracene, Di-n-butylphthalate, Benzo(a)anthracene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

**Case Number :** 26961 **SDG Number:** ECCM3
**Site Name:** INTERLAKE PROPERTIES (IL) **Laboratory:** AATSLA

ECCP9

Naphthalene, Acenaphthene, Fluorene, Anthracene, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECCP9DLRE

Acenaphthene, Fluorene, Anthracene, Carbazole, Benzo(b)fluoranthene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECRM2

Naphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Butylbenzylphthalate, Benzo(a)anthracene, Di-n-octylphthalate, Benzo(k)fluoranthene, Benzo(a)pyrene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECRM2DLRE

N-Nitroso-di-n-propylamine, Naphthalene, Acenaphthene, Fluorene, Anthracene, Carbazole, Di-n-butylphthalate, Butylbenzylphthalate, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECRM3

Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, bis(2-Ethylhexyl)phthalate, Benzo(b)fluoranthene, Indeno(1,2,3-cd)pyrene, Dibenz(a,h)anthracene, Benzo(g,h,i)perylene

ECRM3RE

Naphthalene, 2-Methylnaphthalene, Acenaphthene, Dibenzofuran, Fluorene, Anthracene, Carbazole, bis(2-Ethylhexyl)phthalate, Indeno(1,2,3-cd)pyrene, Benzo(g,h,i)perylene

SBLKFL

Di-n-butylphthalate

The following pesticide samples have analyte concentrations below the quantitation limit (CRQL). All results below the CRQL are qualified "J".

ECCM4

4,4'-DDD, 4,4'-DDT

ECCM5

Heptachlor, Endrin

ECCM6, ECCN2, ECRM3

Endrin ketone

Reviewed By: A.C.Harvey/Lockheed-Martin ESAT
Date: June 18, 1999

Case Number : 26961 SDG Number: ECCM3
Site Name: INTERLAKE PROPERTIES (IL) Laboratory: AATSLA

ECCN0, ECCP6
4,4'-DDT

ECCN1
4,4'-DDT, Endrin ketone

ECCN1MS, ECCN1MSD
Endosulfan II

ECCP1, ECCP3
Dieldrin, Endosulfan sulfate, gamma-Chlordane

ECCP2
gamma-Chlordane

ECCP4, ECCP5
4,4'-DDE

ECCP7
4,4'-DDD, Endrin ketone

ECCP9
4,4'-DDD, Endosulfan sulfate, Endrin ketone

ECRM2
4,4'-DDE, 4,4'-DDD, 4,4'-DDT, gamma-Chlordane

The following pesticide samples have analytes for which the percent difference between column results exceeds primary criteria. Hits are qualified "J".

ECCM3, ECCP4, ECCP5, ECCP6
4,4'-DDE

ECCM4
4,4'-DDD, 4,4'-DDT

ECCM5
Heptachlor, 4,4'-DDE, Endrin, Endosulfan sulfate, 4,4'-DDT, Endrin ketone

ECCM6
4,4'-DDE, 4,4'-DDD, Endrin ketone

Reviewed By: A.C.Harvey/Lockheed-Martin ESAT
Date: June 18, 1999

**Case Number : 26961** **SDG Number: ECCM3**
**Site Name: INTERLAKE PROPERTIES (IL)** **Laboratory: AATSLA**

ECCM7
4,4'-DDE, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT

ECCN0
4,4'-DDT

ECCN1
Dieldrin, 4,4'-DDE, Endosulfan sulfate, 4,4'-DDT, Endrin ketone, gamma-Chlordane

ECCN1MS
gamma-BHC (Lindane), Endosulfan I, 4,4'-DDE, Endosulfan II, 4,4'-DDD, Endosulfan sulfate, 4,4'-DDT, Endrin ketone, Endrin aldehyde

ECCN1MSD
Aldrin, Dieldrin, 4,4'-DDE, Endrin, Endosulfan II, 4,4'-DDD, 4,4'-DDT, Endrin ketone, Endrin aldehyde, gamma-Chlordane

ECCN2
4,4'-DDE, Endrin, 4,4'-DDT, Endrin ketone

ECCP1, ECCP3
4,4'-DDE, Endosulfan sulfate, 4,4'-DDT, gamma-Chlordane

ECCP2, ECRM2
4,4'-DDE, 4,4'-DDT, gamma-Chlordane

ECCP7
4,4'-DDD, Endrin ketone

ECCP8
4,4'-DDE, gamma-Chlordane

ECCP9
Endosulfan sulfate, Endrin ketone

ECRM3
4,4'-DDT, Endrin ketone

## 11. SYSTEM PERFORMANCE

GC/MS baseline indicated acceptable performance. The GC baseline for the pesticide analysis was acceptable.

Reviewed By: A.C.Harvey/Lockheed-Martin ESAT
Date: June 18, 1999

ase Number : 26961 SDG Number: ECCM3
Site Name: INTERLAKE PROPERTIES (IL) Laboratory: AATSLA

## 12. ADDITIONAL INFORMATION

pH values are located within the Analytical Results spreadsheets.

Pyrene exceeded the instrument's calibration range in semivolatile samples ECCM4 and ECCM5; the results from ECCM4DLRE and ECCM5DLRE should be considered the final concentrations for this analyte

Phenanthrene, Fluoranthene and Pyrene exceeded the instrument's calibration range in semivolatile sample ECCM6; the results from ECCM6DL should be considered the final concentration for these analytes.

Bis(2-Ethylhexyl)phthalate exceeded the instrument's calibration range in semivolatile sample ECRM2; the results from ECRM2DLRE should be considered the final concentration for this analyte.

Semivolatile samples ECCP3 and ECCP9 were re-analyzed as diluted samples due to the high amounts of Phenanthrene and Pyrene found in the samples.

Reviewed By: A.C.Harvey/Lockheed-Martin ESAT
Date: June 18, 1999

CADRE Data Qualifier Sheet

| Qualifiers | Data Qualifier Definitions |
|---|---|
| U | The analyte was analyzed for, but was not detected above the reported sample quantitation limit. |
| J | The anlayte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample. |
| UJ | The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the action limit of quantitation necessary to accurately and precisely measure the analyte in the sample. |
| N | The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification. |
| NJ | The analysis indicates the present of an analyte for which there is presumptive evidence to make a tentative identification and the associated numerical value represents its approximate concentration. |
| R | The data are unusable. (The compound may or may not be present) |
| H | Sample result is estimated and biased high. |
| L | Sample result is estimated and biased low. |

Semivolatile Analysis Data - ECCM3
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | ALDOL CONDENSATION | 2.32 | 320.000 | AJ |
| 610-48-0 | ANTHRACENE, 1-METHYL- | 8.37 | 92.000 | JN |
| 57-10-3 | HEXADECANOIC ACID | 8.48 | 380.000 | JN |
| | UNKNOWN | 9.48 | 190.000 | J |
| | UNKNOWN | 10.70 | 97.000 | J |
| | UNKNOWN | 10.82 | 160.000 | J |
| | UNKNOWN | 11.62 | 140.000 | J |
| | UNKNOWN | 12.67 | 210.000 | J |
| | UNKNOWN AROMATIC | 12.85 | 110.000 | J |
| 198-55-0 | PERYLENE | 13.05 | 370.000 | JN |
| | UNKNOWN | 13.32 | 97.000 | J |
| | UNKNOWN | 14.12 | 730.000 | J |
| | UNKNOWN | 15.27 | 870.000 | J |
| | UNKNOWN | 15.57 | 130.000 | J |
| | UNKNOWN | 16.20 | 130.000 | J |

FILE NAME: ECCM3.SDG DATE: 06/10/99 TIME: 11:08 CADRE98 PAGE: 1

Semivolatile Analysis Data - ECCM4
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | ALDOL CONDENSATION | 2.32 | 190.000 | AJ |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.33 | 210.000 | JN |
| 832-64-4 | PHENANTHRENE, 4-METHYL- | 8.37 | 260.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.42 | 160.000 | JN |
| 203-64-5 | 4H-CYCLOPENTA[DEF]PHENANTHRE | 8.48 | 960.000 | JN |
| 35465-71-5 | 2-PHENYLNAPHTHALENE | 8.73 | 240.000 | JN |
| 84-65-1 | 9,10-ANTHRACENEDIONE | 8.78 | 140.000 | JN |
| 3674-66-6 | PHENANTHRENE, 2,5-DIMETHYL- | 9.10 | 120.000 | JN |
| | UNKNOWN | 9.13 | 99.000 | J |
| 5737-13-3 | CYCLOPENTA(DEF)PHENANTHRENON | 9.23 | 140.000 | JN |
| | UNKNOWN | 9.42 | 130.000 | J |
| | UNKNOWN | 9.47 | 120.000 | J |
| | UNKNOWN | 9.52 | 200.000 | J |
| 243-42-5 | BENZO[B]NAPHTHO[2,3-D]FURAN | 9.70 | 200.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.92 | 160.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.08 | 370.000 | JN |
| 2381-21-7 | PYRENE, 1-METHYL- | 10.17 | 220.000 | JN |
| 3353-12-6 | PYRENE, 4-METHYL- | 10.22 | 260.000 | JN |
| 64401-21-4 | PYRENE, 1,3-DIMETHYL- | 10.68 | 150.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.82 | 110.000 | JN |
| 239-35-0 | BENZO[B]NAPHTHO[2,1-D]THIOPH | 10.95 | 100.000 | JN |
| 203-12-3 | BENZO[GHI]FLUORANTHENE | 11.00 | 240.000 | JN |
| | UNKNOWN | 12.52 | 260.000 | J |
| | UNKNOWN | 12.98 | 390.000 | J |
| 198-55-0 | PERYLENE | 13.07 | 1100.000 | JN |
| | UNKNOWN | 15.25 | 350.000 | J |

FILE NAME: ECCM3.SDG DATE: 06/10/99 TIME: 11:08 CADRE98 PAGE: 2

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

ESD Central Regional Laboratory
Data Tracking Form for Contract Samples

Data Set No: ECCM3 CERCLIS No: ILD000 810 432

Case No: 26961 Site Name Location: Interlake Properties

Contractor or EPA Lab: AATSLA Data User: IEPA

No. of Samples: 20 Date Sampled or Data Received: June 10, 1999

Have Chain-of-Custody records been received? Yes ✓ No____
Have traffic reports or packing lists been received? Yes ✓ No____
If no, are traffic report or packing list numbers written on the chain-of-custody record? Yes ____ No____
If no, which traffic report or packing list numbers are missing?

Are basic data forms in? Yes ✓ No____
No of samples claimed: 20 No. of samples received: 20

Received by: A. C. Harvey Date: June 10, 1999

Received by LSSS: A. C. Harvey Date: June 10, 1999

Review started: 6-16-99 Reviewer Signature: Allison C Harvey

Total time spent on review: 16 hrs. Date review completed: 6-18-99

Copied by: Lynette Burnett Date: 6-29-99

Mailed to user by: Lynette Burnett Date: 6-29-99

DATA USER:
Please fill in the blanks below and return this form to:
Sylvia Griffen, Data mgmt. Coordinator, Region V, 5SCRL

Data received by: ____ Date: ____

Data review received by: ____ Date: ____

Inorganic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Organic Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
Dioxin Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK
SAS Data Complete [ ] Suitable for Intended Purpose [ ] ✓ if OK

PROBLEMS: Please indicate reasons why data are not suitable for your uses.

Received by Data Mgmt. Coordinator for Files. Data: ____

Analytical Results (Qualified Data)

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECRM2 | | ECRM3 | | PBLK1 | | PBLK2 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X210 | | X211 | | | | | | | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | | | | | | |
| Time Sampled: | 13:30 | | 12:30 | | | | | | | |
| %Moisture: | 27 | | 39 | | | | | | | |
| PH: | 8 | | 7.5 | | 0 | | 0 | | | |
| Dilution Factor: | 1.0 | | 5.0 | | 1.0 | | 1.0 | | | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| beta-BHC | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| delta-BHC | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| gamma-BHC (Lindane) | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| Heptachlor | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| Aldrin | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| Heptachlor Epoxide | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| Endosulfan I | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| Dieldrin | 4.5 | U | 27 | U | 3.3 | U | 3.3 | U | | |
| 4,4'-DDE | 7.4 | J | 27 | U | 3.3 | U | 3.3 | U | | |
| Endrin | 4.5 | U | 27 | U | 3.3 | U | 3.3 | U | | |
| Endosulfan II | 4.5 | U | 27 | U | 3.3 | U | 3.3 | U | | |
| 4,4'-DDD | 3.5 | J | 110 | | 3.3 | U | 3.3 | U | | |
| Endosulfan Sulfate | 4.5 | U | 27 | U | 3.3 | U | 3.3 | U | | |
| 4,4'-DDT | 9.3 | J | 67 | J | 3.3 | U | 3.3 | U | | |
| Methoxychlor | 23 | U | 140 | U | 17 | U | 17 | U | | |
| Endrin Ketone | 4.7 | | 12 | J | 3.3 | U | 3.3 | U | | |
| Endrin Aldehyde | 4.5 | U | 27 | U | 3.3 | U | 3.3 | U | | |
| alpha-Chlordane | 2.3 | U | 14 | U | 1.7 | U | 1.7 | U | | |
| gamma-Chlordane | 12 | J | 14 | U | 1.7 | U | 1.7 | U | | |
| Toxaphene | 230 | U | 1400 | U | 170 | U | 170 | U | | |
| Aroclor-1016 | 45 | U | 270 | U | 33 | U | 33 | U | | |
| Aroclor-1221 | 92 | U | 550 | U | 67 | U | 67 | U | | |
| Aroclor-1232 | 45 | U | 270 | U | 33 | U | 33 | U | | |
| Aroclor-1242 | 45 | U | 270 | U | 33 | U | 33 | U | | |
| Aroclor-1248 | 45 | U | 270 | U | 33 | U | 33 | U | | |
| Aroclor-1254 | 45 | U | 270 | U | 33 | U | 33 | U | | |
| Aroclor-1260 | 45 | U | 270 | U | 33 | U | 33 | U | | |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCP5 | | ECCP6 | | ECCP7 | | ECCP8 | | ECCP9 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X205 | | X206 | | X207 | | X208 | | X209 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 17:00 | | 15:00 | | 16:00 | | 15:45 | | 15:30 | |
| %Moisture: | 66 | | 42 | | 23 | | 58 | | 31 | |
| PH: | 6.4 | | 7.2 | | 7.9 | | 7.3 | | 7.6 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| beta-BHC | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| delta-BHC | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| gamma-BHC (Lindane) | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| Heptachlor | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| Aldrin | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| Heptachlor Epoxide | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| Endosulfan I | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| Dieldrin | 9.7 | U | 5.7 | R | 4.3 | U | 7.9 | U | 4.8 | U |
| 4,4'-DDE | 9.2 | J | 11 | J | 4.3 | U | 18 | J | 4.8 | U |
| Endrin | 9.7 | U | 5.7 | R | 4.3 | U | 7.9 | U | 4.8 | U |
| Endosulfan II | 9.7 | U | 5.7 | R | 4.3 | U | 7.9 | U | 4.8 | U |
| 4,4'-DDD | 45 | | 70 | J | 3.6 | J | 36 | | 4.3 | J |
| Endosulfan Sulfate | 9.7 | U | 5.7 | R | 4.3 | U | 7.9 | U | 3.0 | J |
| 4,4'-DDT | 9.7 | U | 6.6 | J | 4.3 | U | 7.9 | U | 4.8 | U |
| Methoxychlor | 50 | U | 29 | R | 22 | U | 40 | U | 25 | U |
| Endrin Ketone | 9.7 | U | 5.7 | R | 2.4 | J | 7.9 | U | 3.9 | J |
| Endrin Aldehyde | 9.7 | U | 5.7 | R | 4.3 | U | 7.9 | U | 4.8 | U |
| alpha-Chlordane | 5.0 | U | 2.9 | R | 2.2 | U | 4.0 | U | 2.5 | U |
| gamma-Chlordane | 5.0 | U | 2.9 | R | 6.6 | | 13 | J | 14 | |
| Toxaphene | 500 | U | 290 | R | 220 | U | 400 | U | 250 | U |
| Aroclor-1016 | 97 | U | 57 | R | 43 | U | 78 | U | 48 | U |
| Aroclor-1221 | 200 | U | 120 | R | 87 | U | 160 | U | 97 | U |
| Aroclor-1232 | 97 | U | 57 | R | 43 | U | 78 | U | 48 | U |
| Aroclor-1242 | 97 | U | 57 | R | 43 | U | 78 | U | 48 | U |
| Aroclor-1248 | 97 | U | 57 | R | 43 | U | 78 | U | 48 | U |
| Aroclor-1254 | 97 | U | 57 | R | 43 | U | 78 | U | 48 | U |
| Aroclor-1260 | 97 | U | 57 | R | 43 | U | 78 | U | 48 | U |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCN2 | | ECCP1 | | ECCP2 | | ECCP3 | | ECCP4 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X110 | | X201 | | X202 | | X203 | | X204 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/29/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 13:00 | | 13:00 | | 17:30 | | 16:30 | | 17:15 | |
| %Moisture: | 48 | | 61 | | 65 | | 71 | | 65 | |
| PH: | 7.7 | | 7.3 | | 7.3 | | 7.3 | | 6 | |
| Dilution Factor: | 1.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| beta-BHC | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| delta-BHC | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| gamma-BHC (Lindane) | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| Heptachlor | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| Aldrin | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| Heptachlor Epoxide | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| Endosulfan I | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| Dieldrin | 6.4 | U | 7.3 | J | 19 | U | 9.5 | J | 19 | U |
| 4,4'-DDE | 15 | J | 63 | J | 80 | J | 83 | J | 27 | J |
| Endrin | 17 | J | 8.5 | U | 19 | U | 11 | U | 19 | U |
| Endosulfan II | 6.4 | U | 8.5 | U | 19 | U | 11 | U | 19 | U |
| 4,4'-DDD | 8.0 | | 100 | | 180 | | 130 | | 170 | |
| Endosulfan Sulfate | 6.4 | U | 8.3 | J | 19 | U | 10 | J | 19 | U |
| 4,4'-DDT | 27 | J | 29 | J | 66 | J | 36 | J | 24 | |
| Methoxychlor | 33 | U | 44 | U | 97 | U | 59 | U | 97 | U |
| Endrin Ketone | 5.8 | J | 8.5 | U | 19 | U | 11 | U | 19 | U |
| Endrin Aldehyde | 6.4 | U | 8.5 | U | 19 | U | 11 | U | 19 | U |
| alpha-Chlordane | 3.3 | U | 4.4 | U | 9.7 | U | 5.9 | U | 9.7 | U |
| gamma-Chlordane | 3.3 | U | 3.9 | J | 20 | J | 5.5 | J | 9.7 | U |
| Toxaphene | 330 | U | 440 | U | 970 | U | 590 | U | 970 | U |
| Aroclor-1016 | 63 | U | 85 | U | 190 | U | 110 | U | 190 | U |
| Aroclor-1221 | 130 | U | 170 | U | 380 | U | 230 | U | 380 | U |
| Aroclor-1232 | 63 | U | 85 | U | 190 | U | 110 | U | 190 | U |
| Aroclor-1242 | 63 | U | 85 | U | 190 | U | 110 | U | 190 | U |
| Aroclor-1248 | 63 | U | 85 | U | 190 | U | 110 | U | 190 | U |
| Aroclor-1254 | 63 | U | 85 | U | 190 | U | 110 | U | 190 | U |
| Aroclor-1260 | 63 | U | 85 | U | 190 | U | 110 | U | 190 | U |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCM9 | | ECCN0 | | ECCN1 | | ECCN1MS | | ECCN1MSD | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X107 | | X108 | | X109 | | X109 | | X109 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 16:00 | | 16:30 | | 13:30 | | 13:30 | | 13:30 | |
| %Moisture: | 32 | | 10 | | 9 | | 9 | | 9 | |
| PH: | 7.8 | | 7.8 | | 8.1 | | 8.1 | | 8.1 | |
| Dilution Factor: | 1.0 | | 1.0 | | 2.0 | | 1.0 | | 1.0 | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 2.5 | U | 1.9 | UJ | 3.7 | U | 1.9 | U | 1.9 | U |
| beta-BHC | 2.5 | U | 1.9 | UJ | 3.7 | U | 7.1 | J | 1.9 | U |
| delta-BHC | 2.5 | U | 1.9 | UJ | 3.7 | U | 1.9 | U | 1.9 | U |
| gamma-BHC (Lindane) | 2.5 | U | 1.9 | UJ | 3.7 | UJ | 11 | J | 10 | J |
| Heptachlor | 2.5 | U | 1.9 | UJ | 3.7 | U | 12 | J | 11 | J |
| Aldrin | 2.5 | U | 1.9 | UJ | 3.7 | UJ | 19 | J | 18 | J |
| Heptachlor Epoxide | 2.5 | U | 1.9 | UJ | 3.7 | U | 1.9 | U | 1.9 | U |
| Endosulfan I | 2.5 | U | 1.9 | UJ | 3.7 | U | 18 | J | 1.9 | U |
| drin | 4.8 | U | 3.7 | UJ | 35 | J | 52 | J | 71 | J |
| 4,4'-DDE | 4.8 | U | 3.7 | UJ | 21 | J | 19 | J | 26 | J |
| Endrin | 4.8 | U | 3.7 | UJ | 7.2 | U | 29 | J | 29 | J |
| Endosulfan II | 4.8 | U | 3.7 | UJ | 7.2 | U | 2.7 | J | 2.8 | J |
| 4,4'-DDD | 4.8 | U | 3.7 | UJ | 7.2 | U | 4.1 | J | 4.3 | J |
| Endosulfan Sulfate | 4.8 | U | 3.7 | UJ | 29 | J | 22 | J | 27 | J |
| 4,4'-DDT | 4.8 | U | 4.4 | J | 76 | J | 84 | J | 140 | J |
| Methoxychlor | 25 | U | 19 | UJ | 180 | | 19 | U | 19 | U |
| Endrin Ketone | 4.8 | U | 3.7 | UJ | 3.7 | J | 10 | J | 11 | J |
| Endrin Aldehyde | 4.8 | U | 3.7 | UJ | 14 | | 47 | J | 55 | J |
| alpha-Chlordane | 2.5 | U | 1.9 | UJ | 3.7 | U | 1.9 | U | 1.9 | U |
| gamma-Chlordane | 2.5 | U | 1.9 | UJ | 7.6 | J | 1.9 | U | 4.1 | J |
| Toxaphene | 250 | U | 190 | UJ | 370 | U | 190 | U | 190 | U |
| Aroclor-1016 | 48 | U | 37 | UJ | 72 | U | 36 | U | 36 | U |
| Aroclor-1221 | 98 | U | 74 | UJ | 150 | U | 74 | U | 74 | U |
| Aroclor-1232 | 48 | U | 37 | UJ | 72 | U | 36 | U | 36 | U |
| Aroclor-1242 | 48 | U | 37 | UJ | 72 | U | 36 | U | 36 | U |
| Aroclor-1248 | 48 | U | 37 | UJ | 72 | U | 36 | U | 36 | U |
| Aroclor-1254 | 48 | U | 37 | UJ | 72 | U | 36 | U | 36 | U |
| Aroclor-1260 | 48 | U | 37 | UJ | 72 | U | 36 | U | 36 | U |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab.: AATSLA
Reviewer:
Date:

Number of Soil Samples : 20
Number of Water Samples : 0

| Sample Number: | ECCM3 | | ECCM4 | | ECCM5 | | ECCM6 | | ECCM7 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X101 | | X102 | | X103 | | X104 | | X105 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | |
| Time Sampled: | 12:30 | | 10:43 | | 10:45 | | 12:00 | | 11:30 | |
| %Moisture: | 27 | | 32 | | 34 | | 25 | | 27 | |
| PH: | 7.5 | | 7.4 | | 7.4 | | 7.5 | | 7.5 | |
| Dilution Factor: | 2.0 | | 1.0 | | 1.0 | | 5.0 | | 1.0 | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| beta-BHC | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| delta-BHC | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| gamma-BHC (Lindane) | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| Heptachlor | 4.7 | U | 2.5 | UJ | 2.2 | J | 11 | U | 2.3 | UJ |
| Aldrin | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| Heptachlor Epoxide | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| Endosulfan I | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| Dieldrin | 9.0 | U | 4.8 | UJ | 5.0 | U | 22 | U | 4.5 | UJ |
| 4,4'-DDE | 24 | J | 4.8 | UJ | 21 | J | 89 | J | 35 | J |
| Endrin | 9.0 | U | 4.8 | UJ | 2.4 | J | 22 | U | 9.3 | J |
| Endosulfan II | 9.0 | U | 4.8 | UJ | 5.0 | U | 22 | U | 4.5 | UJ |
| 4,4'-DDD | 9.0 | U | 3.5 | J | 8.6 | J | 34 | J | 17 | J |
| Endosulfan Sulfate | 9.0 | U | 4.8 | UJ | 10 | J | 22 | U | 11 | J |
| 4,4'-DDT | 84 | | 6.7 | J | 26 | J | 150 | | 36 | J |
| Methoxychlor | 46 | U | 25 | UJ | 26 | U | 110 | U | 23 | UJ |
| Endrin Ketone | 9.0 | U | 4.8 | UJ | 12 | J | 15 | J | 4.5 | UJ |
| Endrin Aldehyde | 9.0 | U | 4.8 | UJ | 5.0 | U | 22 | U | 4.5 | UJ |
| alpha-Chlordane | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| gamma-Chlordane | 4.7 | U | 2.5 | UJ | 2.6 | U | 11 | U | 2.3 | UJ |
| Toxaphene | 460 | U | 250 | UJ | 260 | U | 1100 | U | 230 | UJ |
| Aroclor-1016 | 90 | U | 48 | UJ | 50 | U | 220 | U | 45 | UJ |
| Aroclor-1221 | 180 | U | 98 | UJ | 100 | U | 450 | U | 92 | UJ |
| Aroclor-1232 | 90 | U | 48 | UJ | 50 | U | 220 | U | 45 | UJ |
| Aroclor-1242 | 90 | U | 48 | UJ | 50 | U | 220 | U | 45 | UJ |
| Aroclor-1248 | 90 | U | 48 | UJ | 50 | U | 220 | U | 45 | UJ |
| Aroclor-1254 | 90 | U | 48 | UJ | 50 | U | 220 | U | 45 | UJ |
| Aroclor-1260 | 90 | U | 48 | UJ | 50 | U | 220 | U | 45 | UJ |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number: | ECRM3RE | | SBLKFL | | SBLKFO | | | | | |
| Sampling Location: | X211 | | | | | | | | | |
| Matrix: | Soil | | Soil | | Soil | | | | | |
| Units: | ug/kg | | ug/kg | | ug/kg | | | | | |
| Date Sampled: | 04/28/99 | | | | | | | | | |
| Time Sampled: | 12:30 | | | | | | | | | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.5 | | | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | | | | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 74 | J | 330 | U | 330 | U | | | | |
| 2,4-Dinitrophenol | 1400 | UJ | 830 | R | 830 | UJ | | | | |
| 4-Nitrophenol | 1400 | UJ | 830 | U | 830 | U | | | | |
| Dibenzofuran | 150 | J | 330 | U | 330 | U | | | | |
| 2,4-Dinitrotoluene | 540 | UJ | 330 | U | 330 | U | | | | |
| Diethylphthalate | 540 | UJ | 330 | U | 330 | U | | | | |
| 4-Chlorophenyl-phenylether | 540 | UJ | 330 | U | 330 | U | | | | |
| Fluorene | 89 | J | 330 | U | 330 | U | | | | |
| 4-Nitroaniline | 1400 | UJ | 830 | UJ | 830 | U | | | | |
| 4 ^ Dinitro-2-methylphenol | 1400 | UJ | 830 | UJ | 830 | U | | | | |
| ı .rosodiphenylamine | 540 | UJ | 330 | U | 330 | U | | | | |
| 4-Bromophenyl-phenylether | 540 | UJ | 330 | U | 330 | U | | | | |
| Hexachlorobenzene | 540 | UJ | 330 | U | 330 | U | | | | |
| Pentachlorophenol | 1400 | UJ | 830 | U | 830 | U | | | | |
| Phenanthrene | 1000 | J | 330 | U | 330 | U | | | | |
| Anthracene | 290 | J | 330 | U | 330 | U | | | | |
| Carbazole | 66 | J | 330 | U | 330 | U | | | | |
| Di-n-butylphthalate | 540 | UJ | 56 | J | 330 | U | | | | |
| Fluoranthene | 1400 | J | 330 | U | 330 | U | | | | |
| Pyrene | 2400 | J | 330 | U | 330 | U | | | | |
| Butylbenzylphthalate | 540 | UJ | 330 | U | 330 | U | | | | |
| 3,3'-Dichlorobenzidine | 540 | UJ | 330 | U | 330 | U | | | | |
| Benzo(a)anthracene | 1000 | J | 330 | U | 330 | U | | | | |
| Chrysene | 1200 | J | 330 | U | 330 | U | | | | |
| bis(2-Ethylhexyl)phthalate | 77 | J | 330 | U | 330 | U | | | | |
| Di-n-octylphthalate | 540 | R | 330 | U | 330 | U | | | | |
| Benzo(b)fluoranthene | 830 | J | 330 | U | 330 | U | | | | |
| Benzo(k)fluoranthene | 1200 | J | 330 | UJ | 330 | U | | | | |
| Benzo(a)pyrene | 910 | J | 330 | U | 330 | U | | | | |
| Indeno(1,2,3-cd)pyrene | 420 | J | 330 | U | 330 | U | | | | |
| Dibenz(a,h)anthracene | 540 | R | 330 | U | 330 | U | | | | |
| Benzo(g,h,i)perylene | 430 | J | 330 | U | 330 | U | | | | |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECRM3RE | | SBLKFL | | SBLKFO | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X211 | | | | | | | | | |
| Matrix: | Soil | | Soil | | Soil | | | | | |
| Units: | ug/kg | | ug/kg | | ug/kg | | | | | |
| Date Sampled: | 04/28/99 | | | | | | | | | |
| Time Sampled: | 12:30 | | | | | | | | | |
| %Moisture: | 39 | | | | | | | | | |
| PH: | 7.5 | | | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | | | | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 540 | UJ | 330 | U | 330 | U | | | | |
| bis(2-Chloroethyl)ether | 540 | UJ | 330 | U | 330 | U | | | | |
| 2-Chlorophenol | 540 | UJ | 330 | U | 330 | U | | | | |
| 1,3-Dichlorobenzene | 540 | UJ | 330 | U | 330 | U | | | | |
| 1,4-Dichlorobenzene | 540 | UJ | 330 | U | 330 | U | | | | |
| 1,2-Dichlorobenzene | 540 | UJ | 330 | U | 330 | U | | | | |
| 2-Methylphenol | 540 | UJ | 330 | U | 330 | U | | | | |
| 2,2'-oxybis(1-chloropropane) | 540 | UJ | 330 | U | 330 | U | | | | |
| 4-Methylphenol | 540 | UJ | 330 | U | 330 | U | | | | |
| N-Nitroso-di-n-propylamine | 540 | UJ | 330 | U | 330 | U | | | | |
| Hexachloroethane | 540 | UJ | 330 | U | 330 | U | | | | |
| Nitrobenzene | 540 | UJ | 330 | U | 330 | U | | | | |
| Isophorone | 540 | UJ | 330 | U | 330 | U | | | | |
| 2-Nitrophenol | 540 | UJ | 330 | U | 330 | U | | | | |
| 2,4-Dimethylphenol | 540 | UJ | 330 | U | 330 | U | | | | |
| bis(2-Chloroethoxy)methane | 540 | UJ | 330 | U | 330 | U | | | | |
| 2,4-Dichlorophenol | 540 | UJ | 330 | U | 330 | U | | | | |
| 1,2,4-Trichlorobenzene | 540 | UJ | 330 | U | 330 | U | | | | |
| Naphthalene | 130 | J | 330 | U | 330 | U | | | | |
| 4-Chloroaniline | 540 | UJ | 330 | U | 330 | U | | | | |
| Hexachlorobutadiene | 540 | UJ | 330 | U | 330 | U | | | | |
| 4-Chloro-3-methylphenol | 540 | UJ | 330 | U | 330 | U | | | | |
| 2-Methylnaphthalene | 160 | J | 330 | U | 330 | U | | | | |
| Hexachlorocyclopentadiene | 540 | UJ | 330 | UJ | 330 | U | | | | |
| 2,4,6-Trichlorophenol | 540 | UJ | 330 | U | 330 | U | | | | |
| 2,4,5-Trichlorophenol | 1400 | UJ | 830 | U | 830 | U | | | | |
| 2-Chloronaphthalene | 540 | UJ | 330 | U | 330 | U | | | | |
| 2-Nitroaniline | 1400 | UJ | 830 | U | 830 | U | | | | |
| Dimethylphthalate | 540 | UJ | 330 | U | 330 | U | | | | |
| Acenaphthylene | 540 | UJ | 330 | U | 330 | U | | | | |
| 2,6-Dinitrotoluene | 540 | UJ | 330 | U | 330 | U | | | | |
| 3-Nitroaniline | 1400 | UJ | 830 | U | 830 | U | | | | |

| Sample Number: | ECCP9 | | ECCP9DLRE | | ECRM2 | | ECRM2DLRE | | ECRM3 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X209 | | X209 | | X210 | | X210 | | X211 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 15:30 | | 15:30 | | 13:30 | | 13:30 | | 12:30 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.6 | | 7.6 | | 8 | | 8 | | 7.5 | |
| Dilution Factor: | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 44 | J | 100 | J | 38 | J | 91 | J | 93 | J |
| 2,4-Dinitrophenol | 1200 | R | 2400 | UJ | 1100 | R | 2300 | UJ | 1400 | R |
| 4-Nitrophenol | 1200 | R | 2400 | UJ | 1100 | UJ | 2300 | UJ | 1400 | UJ |
| Dibenzofuran | 480 | UJ | 960 | UJ | 31 | J | 900 | UJ | 81 | J |
| 2,4-Dinitrotoluene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Diethylphthalate | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 4-Chlorophenyl-phenylether | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Fluorene | 76 | J | 180 | J | 41 | J | 110 | J | 130 | J |
| 4-Nitroaniline | 1200 | UJ | 2400 | UJ | 1100 | UJ | 2300 | UJ | 1400 | UJ |
| 4 ^ Dinitro-2-methylphenol | 1200 | R | 2400 | UJ | 1100 | UJ | 2300 | UJ | 1400 | UJ |
| .rosodiphenylamine | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 4-Bromophenyl-phenylether | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Hexachlorobenzene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Pentachlorophenol | 1200 | R | 2400 | UJ | 1100 | UJ | 2300 | UJ | 1400 | U |
| Phenanthrene | 1000 | J | 3000 | J | 500 | | 1100 | J | 1200 | J |
| Anthracene | 210 | J | 800 | J | 89 | J | 290 | J | 240 | J |
| Carbazole | 480 | UJ | 92 | J | 450 | U | 100 | J | 87 | J |
| Di-n-butylphthalate | 480 | UJ | 960 | UJ | 450 | U | 75 | J | 540 | UJ |
| Fluoranthene | 1200 | J | 3400 | J | 730 | | 1700 | J | 1300 | J |
| Pyrene | 2000 | J | 7400 | J | 1000 | J | 2000 | J | 1600 | J |
| Butylbenzylphthalate | 480 | UJ | 960 | UJ | 47 | J | 78 | J | 540 | UJ |
| 3,3'-Dichlorobenzidine | 480 | UJ | 960 | UJ | 450 | UJ | 900 | UJ | 540 | UJ |
| Benzo(a)anthracene | 670 | J | 2200 | J | 440 | J | 950 | J | 680 | J |
| Chrysene | 720 | J | 2500 | J | 500 | J | 1000 | J | 770 | J |
| bis(2-Ethylhexyl)phthalate | 44 | J | 960 | UJ | 4900 | J | 880 | J | 71 | J |
| Di-n-octylphthalate | 480 | UJ | 960 | R | 120 | J | 900 | UJ | 540 | UJ |
| Benzo(b)fluoranthene | 460 | J | 950 | J | 450 | J | 760 | J | 490 | J |
| Benzo(k)fluoranthene | 400 | J | 1900 | J | 330 | J | 900 | J | 660 | J |
| Benzo(a)pyrene | 440 | J | 1900 | J | 380 | J | 920 | J | 560 | J |
| Indeno(1,2,3-cd)pyrene | 250 | J | 830 | J | 240 | J | 450 | J | 390 | J |
| Dibenz(a,h)anthracene | 130 | J | 460 | J | 120 | J | 180 | J | 230 | J |
| Benzo(g,h,i)perylene | 310 | J | 330 | J | 280 | J | 410 | J | 420 | J |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCP9 | | ECCP9DLRE | | ECRM2 | | ECRM2DLRE | | ECRM3 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X209 | | X209 | | X210 | | X210 | | X211 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 15:30 | | 15:30 | | 13:30 | | 13:30 | | 12:30 | |
| %Moisture: | 31 | | 31 | | 27 | | 27 | | 39 | |
| PH: | 7.6 | | 7.6 | | 8 | | 8 | | 7.5 | |
| Dilution Factor: | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | UJ |
| bis(2-Chloroethyl)ether | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 2-Chlorophenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | U |
| 1,3-Dichlorobenzene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 1,4-Dichlorobenzene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 1,2-Dichlorobenzene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 2-Methylphenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | U |
| 2,2'-oxybis(1-chloropropane) | 480 | UJ | 960 | UJ | 450 | UJ | 900 | UJ | 540 | UJ |
| 4-Methylphenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | U |
| N-Nitroso-di-n-propylamine | 480 | UJ | 960 | UJ | 450 | UJ | 81 | J | 540 | UJ |
| Hexachloroethane | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Nitrobenzene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Isophorone | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 2-Nitrophenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | U |
| 2,4-Dimethylphenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | U |
| bis(2-Chloroethoxy)methane | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 2,4-Dichlorophenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | U |
| 1,2,4-Trichlorobenzene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Naphthalene | 42 | J | 960 | UJ | 44 | J | 97 | J | 74 | J |
| 4-Chloroaniline | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Hexachlorobutadiene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 4-Chloro-3-methylphenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | U |
| 2-Methylnaphthalene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 110 | J |
| Hexachlorocyclopentadiene | 480 | UJ | 960 | UJ | 450 | UJ | 900 | UJ | 540 | UJ |
| 2,4,6-Trichlorophenol | 480 | R | 960 | UJ | 450 | UJ | 900 | UJ | 540 | U |
| 2,4,5-Trichlorophenol | 1200 | R | 2400 | UJ | 1100 | UJ | 2300 | UJ | 1400 | U |
| 2-Chloronaphthalene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 2-Nitroaniline | 1200 | UJ | 2400 | UJ | 1100 | UJ | 2300 | UJ | 1400 | UJ |
| Dimethylphthalate | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| Acenaphthylene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 2,6-Dinitrotoluene | 480 | UJ | 960 | UJ | 450 | U | 900 | UJ | 540 | UJ |
| 3-Nitroaniline | 1200 | UJ | 2400 | UJ | 1100 | UJ | 2300 | UJ | 1400 | UJ |

| Sample Number: | ECCP6RE | | ECCP7 | | ECCP7RE | | ECCP8 | | ECCP8RE | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X206 | | X207 | | X207 | | X208 | | X208 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 15:00 | | 16:00 | | 16:00 | | 15:45 | | 15:45 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.2 | | 7.9 | | 7.9 | | 7.3 | | 7.3 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 570 | UJ | 430 | U | 46 | J | 780 | UJ | 93 | J |
| 2,4-Dinitrophenol | 1400 | UJ | 1100 | R | 1100 | UJ | 2000 | R | 2000 | UJ |
| 4-Nitrophenol | 1400 | UJ | 1100 | UJ | 1100 | UJ | 2000 | UJ | 2000 | UJ |
| Dibenzofuran | 570 | UJ | 40 | J | 56 | J | 780 | UJ | 92 | J |
| 2,4-Dinitrotoluene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Diethylphthalate | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 4-Chlorophenyl-phenylether | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Fluorene | 570 | UJ | 430 | U | 54 | J | 82 | J | 170 | J |
| 4-Nitroaniline | 1400 | UJ | 1100 | UJ | 1100 | UJ | 2000 | UJ | 2000 | UJ |
| 4,6-Dinitro-2-methylphenol | 1400 | UJ | 1100 | UJ | 1100 | UJ | 2000 | UJ | 2000 | UJ |
| N-Nitrosodiphenylamine | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 4-Bromophenyl-phenylether | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Hexachlorobenzene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Pentachlorophenol | 1400 | UJ | 1100 | UJ | 1100 | UJ | 2000 | UJ | 2000 | UJ |
| Phenanthrene | 53 | J | 300 | J | 580 | J | 420 | J | 760 | J |
| Anthracene | 570 | UJ | 43 | J | 170 | J | 98 | J | 250 | J |
| Carbazole | 570 | UJ | 430 | U | 49 | J | 780 | UJ | 780 | UJ |
| Di-n-butylphthalate | 570 | UJ | 430 | U | 49 | J | 780 | UJ | 69 | J |
| Fluoranthene | 66 | J | 370 | J | 1100 | J | 730 | J | 1400 | J |
| Pyrene | 75 | J | 560 | J | 1400 | J | 950 | J | 1600 | J |
| Butylbenzylphthalate | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 3,3'-Dichlorobenzidine | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| Benzo(a)anthracene | 570 | UJ | 190 | J | 630 | J | 400 | J | 720 | J |
| Chrysene | 53 | J | 240 | J | 680 | J | 470 | J | 820 | J |
| bis(2-Ethylhexyl)phthalate | 50 | J | 50 | J | 42 | J | 280 | J | 400 | J |
| Di-n-octylphthalate | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| Benzo(b)fluoranthene | 48 | J | 230 | J | 590 | J | 470 | J | 720 | J |
| Benzo(k)fluoranthene | 49 | J | 180 | J | 570 | J | 300 | J | 600 | J |
| Benzo(a)pyrene | 58 | J | 220 | J | 610 | J | 420 | J | 720 | J |
| Indeno(1,2,3-cd)pyrene | 570 | UJ | 140 | J | 300 | J | 220 | J | 380 | J |
| Dibenz(a,h)anthracene | 570 | UJ | 60 | J | 98 | J | 780 | UJ | 200 | J |
| Benzo(g,h,i)perylene | 48 | J | 150 | J | 330 | J | 240 | J | 390 | J |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCP6RE | | ECCP7 | | ECCP7RE | | ECCP8 | | ECCP8RE | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X206 | | X207 | | X207 | | X208 | | X208 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 15:00 | | 16:00 | | 16:00 | | 15:45 | | 15:45 | |
| %Moisture: | 42 | | 23 | | 23 | | 58 | | 58 | |
| PH: | 7.2 | | 7.9 | | 7.9 | | 7.3 | | 7.3 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| bis(2-Chloroethyl)ether | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 2-Chlorophenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 1,3-Dichlorobenzene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 1,4-Dichlorobenzene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 1,2-Dichlorobenzene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 2-Methylphenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 2,2'-oxybis(1-chloropropane) | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 4-Methylphenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| N-Nitroso-di-n-propylamine | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| Hexachloroethane | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Nitrobenzene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Isophorone | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 2-Nitrophenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 2,4-Dimethylphenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| bis(2-Chloroethoxy)methane | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 2,4-Dichlorophenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 1,2,4-Trichlorobenzene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Naphthalene | 570 | UJ | 44 | J | 72 | J | 780 | UJ | 110 | J |
| 4-Chloroaniline | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Hexachlorobutadiene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 4-Chloro-3-methylphenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 2-Methylnaphthalene | 570 | UJ | 47 | J | 92 | J | 780 | UJ | 780 | UJ |
| Hexachlorocyclopentadiene | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 2,4,6-Trichlorophenol | 570 | UJ | 430 | UJ | 430 | UJ | 780 | UJ | 780 | UJ |
| 2,4,5-Trichlorophenol | 1400 | UJ | 1100 | UJ | 1100 | UJ | 2000 | UJ | 2000 | UJ |
| 2-Chloronaphthalene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 2-Nitroaniline | 1400 | UJ | 1100 | UJ | 1100 | UJ | 2000 | UJ | 2000 | UJ |
| Dimethylphthalate | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| Acenaphthylene | 570 | UJ | 430 | U | 48 | J | 780 | UJ | 780 | UJ |
| 2,6-Dinitrotoluene | 570 | UJ | 430 | U | 430 | UJ | 780 | UJ | 780 | UJ |
| 3-Nitroaniline | 1400 | UJ | 1100 | UJ | 1100 | UJ | 2000 | UJ | 2000 | UJ |

| Sample Number: | ECCP4 | | ECCP4RE | | ECCP5 | | ECCP5RE | | ECCP6 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X204 | | X204 | | X205 | | X205 | | X206 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 17:15 | | 17:15 | | 17:00 | | 17:00 | | 15:00 | |
| %Moisture: | | | | | | | | | | |
| PH: | 6 | | 6 | | 6.4 | | 6.4 | | 7.2 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 2,4-Dinitrophenol | 2400 | R | 2400 | UJ | 2400 | R | 2400 | UJ | 1400 | R |
| 4-Nitrophenol | 2400 | R | 2400 | UJ | 2400 | UJ | 2400 | UJ | 1400 | UJ |
| Dibenzofuran | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 2,4-Dinitrotoluene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Diethylphthalate | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 4-Chlorophenyl-phenylether | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Fluorene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 4-Nitroaniline | 2400 | UJ | 2400 | UJ | 2400 | UJ | 2400 | UJ | 1400 | UJ |
| 4 ⁶-Dinitro-2-methylphenol | 2400 | R | 2400 | UJ | 2400 | UJ | 2400 | UJ | 1400 | UJ |
| :rosodiphenylamine | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 4-Bromophenyl-phenylether | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Hexachlorobenzene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Pentachlorophenol | 2400 | R | 2400 | UJ | 2400 | UJ | 2400 | UJ | 1400 | UJ |
| Phenanthrene | 120 | J | 200 | J | 120 | J | 160 | J | 76 | J |
| Anthracene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Carbazole | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Di-n-butylphthalate | 940 | UJ | 940 | UJ | 970 | U | 970 | UJ | 570 | U |
| Fluoranthene | 99 | J | 230 | J | 130 | J | 200 | J | 91 | J |
| Pyrene | 170 | J | 250 | J | 130 | J | 200 | J | 84 | J |
| Butylbenzylphthalate | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 3,3'-Dichlorobenzidine | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Benzo(a)anthracene | 940 | UJ | 140 | J | 970 | UJ | 110 | J | 570 | U |
| Chrysene | 100 | J | 200 | J | 97 | J | 150 | J | 72 | J |
| bis(2-Ethylhexyl)phthalate | 96 | J | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Di-n-octylphthalate | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Benzo(b)fluoranthene | 940 | UJ | 170 | J | 970 | UJ | 130 | J | 77 | J |
| Benzo(k)fluoranthene | 150 | J | 150 | J | 100 | J | 140 | J | 55 | J |
| Benzo(a)pyrene | 940 | UJ | 210 | J | 970 | UJ | 140 | J | 61 | J |
| Indeno(1,2,3-cd)pyrene | 940 | UJ | 130 | J | 970 | UJ | 970 | UJ | 570 | U |
| Dibenz(a,h)anthracene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Benzo(g,h,i)perylene | 940 | UJ | 140 | J | 970 | UJ | 89 | J | 570 | U |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCP4 | | ECCP4RE | | ECCP5 | | ECCP5RE | | ECCP6 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X204 | | X204 | | X205 | | X205 | | X206 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 17:15 | | 17:15 | | 17:00 | | 17:00 | | 15:00 | |
| %Moisture: | 65 | | 65 | | 66 | | 66 | | 42 | |
| PH: | 6 | | 6 | | 6.4 | | 6.4 | | 7.2 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| bis(2-Chloroethyl)ether | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 2-Chlorophenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| 1,3-Dichlorobenzene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 1,4-Dichlorobenzene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 1,2-Dichlorobenzene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 2-Methylphenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| 2,2'-oxybis(1-chloropropane) | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| 4-Methylphenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| N-Nitroso-di-n-propylamine | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| Hexachloroethane | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Nitrobenzene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Isophorone | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 2-Nitrophenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| 2,4-Dimethylphenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| bis(2-Chloroethoxy)methane | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 2,4-Dichlorophenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| 1,2,4-Trichlorobenzene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Naphthalene | 940 | UJ | 100 | J | 970 | UJ | 970 | UJ | 570 | U |
| 4-Chloroaniline | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Hexachlorobutadiene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 4-Chloro-3-methylphenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| 2-Methylnaphthalene | 940 | UJ | 95 | J | 970 | UJ | 970 | UJ | 570 | U |
| Hexachlorocyclopentadiene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| 2,4,6-Trichlorophenol | 940 | R | 940 | UJ | 970 | UJ | 970 | UJ | 570 | UJ |
| 2,4,5-Trichlorophenol | 2400 | R | 2400 | UJ | 2400 | UJ | 2400 | UJ | 1400 | UJ |
| 2-Chloronaphthalene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 2-Nitroaniline | 2400 | UJ | 2400 | UJ | 2400 | UJ | 2400 | UJ | 1400 | UJ |
| Dimethylphthalate | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| Acenaphthylene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 2,6-Dinitrotoluene | 940 | UJ | 940 | UJ | 970 | UJ | 970 | UJ | 570 | U |
| 3-Nitroaniline | 2400 | UJ | 2400 | UJ | 2400 | UJ | 2400 | UJ | 1400 | UJ |

| Sample Number: | ECCP1RE | | ECCP2 | | ECCP2RE | | ECCP3 | | ECCP3DLRE | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X201 | | X202 | | X202 | | X203 | | X203 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/29/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 13:00 | | 17:30 | | 17:30 | | 16:30 | | 16:30 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.3 | | 7.3 | | 7.3 | | 7.3 | | 7.3 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 3.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 110 | J | 940 | UJ | 79 | J | 440 | J | 3600 | J |
| 2,4-Dinitrophenol | 2100 | R | 2400 | R | 2400 | UJ | 2900 | R | 8600 | UJ |
| 4-Nitrophenol | 2100 | UJ | 2400 | R | 2400 | UJ | 2900 | R | 8600 | UJ |
| Dibenzofuran | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 2,4-Dinitrotoluene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| Diethylphthalate | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 4-Chlorophenyl-phenylether | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| Fluorene | 170 | J | 940 | UJ | 86 | J | 770 | J | 5600 | J |
| 4-Nitroaniline | 2100 | UJ | 2400 | UJ | 2400 | UJ | 2900 | R | 8600 | UJ |
| 4,6-Dinitro-2-methylphenol | 2100 | UJ | 2400 | R | 2400 | UJ | 2900 | R | 8600 | R |
| N-nitrosodiphenylamine | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | R |
| 4-Bromophenyl-phenylether | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | R |
| Hexachlorobenzene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | R |
| Pentachlorophenol | 2100 | U | 2400 | R | 2400 | UJ | 2900 | R | 8600 | R |
| Phenanthrene | 930 | | 940 | UJ | 430 | J | 2200 | J | 11000 | J |
| Anthracene | 270 | J | 940 | UJ | 160 | J | 400 | J | 4000 | J |
| Carbazole | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | R |
| Di-n-butylphthalate | 850 | U | 940 | UJ | 110 | J | 1100 | R | 3400 | R |
| Fluoranthene | 1700 | | 940 | UJ | 1300 | J | 280 | J | 3500 | J |
| Pyrene | 2500 | | 130 | J | 1400 | J | 2000 | J | 20000 | J |
| Butylbenzylphthalate | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | R |
| 3,3'-Dichlorobenzidine | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | R |
| Benzo(a)anthracene | 1000 | | 940 | UJ | 920 | J | 410 | J | 4900 | J |
| Chrysene | 1100 | | 940 | UJ | 1100 | J | 690 | J | 6700 | J |
| bis(2-Ethylhexyl)phthalate | 360 | J | 940 | UJ | 430 | J | 160 | J | 1400 | J |
| Di-n-octylphthalate | 850 | UJ | 940 | R | 940 | UJ | 1100 | R | 3400 | R |
| Benzo(b)fluoranthene | 1000 | J | 940 | R | 960 | J | 150 | J | 2000 | J |
| Benzo(k)fluoranthene | 900 | J | 940 | R | 1000 | J | 140 | J | 1600 | J |
| Benzo(a)pyrene | 1000 | J | 940 | R | 900 | J | 340 | J | 3700 | J |
| Indeno(1,2,3-cd)pyrene | 670 | J | 940 | R | 520 | J | 1100 | R | 2000 | J |
| Dibenz(a,h)anthracene | 320 | J | 940 | R | 240 | J | 1100 | R | 1800 | J |
| Benzo(g,h,i)perylene | 710 | J | 940 | R | 580 | J | 220 | J | 3600 | J |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCP1RE | | ECCP2 | | ECCP2RE | | ECCP3 | | ECCP3DLRE | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X201 | | X202 | | X202 | | X203 | | X203 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/29/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 13:00 | | 17:30 | | 17:30 | | 16:30 | | 16:30 | |
| %Moisture: | 61 | | 65 | | 65 | | 71 | | 71 | |
| PH: | 7.3 | | 7.3 | | 7.3 | | 7.3 | | 7.3 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 3.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 850 | UJ | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| bis(2-Chloroethyl)ether | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 2-Chlorophenol | 850 | U | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| 1,3-Dichlorobenzene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 1,4-Dichlorobenzene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 1,2-Dichlorobenzene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 2-Methylphenol | 850 | U | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| 2,2'-oxybis(1-chloropropane) | 850 | UJ | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 4-Methylphenol | 850 | U | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| N-Nitroso-di-n-propylamine | 850 | UJ | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| Hexachloroethane | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| Nitrobenzene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| Isophorone | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 2-Nitrophenol | 850 | U | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| 2,4-Dimethylphenol | 850 | U | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| bis(2-Chloroethoxy)methane | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 2,4-Dichlorophenol | 850 | U | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| 1,2,4-Trichlorobenzene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| Naphthalene | 850 | U | 940 | UJ | 130 | J | 1100 | R | 3400 | UJ |
| 4-Chloroaniline | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| Hexachlorobutadiene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 4-Chloro-3-methylphenol | 850 | U | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| 2-Methylnaphthalene | 850 | U | 940 | UJ | 110 | J | 1000 | J | 3500 | J |
| Hexachlorocyclopentadiene | 850 | UJ | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 2,4,6-Trichlorophenol | 850 | U | 940 | R | 940 | UJ | 1100 | R | 3400 | UJ |
| 2,4,5-Trichlorophenol | 2100 | U | 2400 | R | 2400 | UJ | 2900 | R | 8600 | UJ |
| 2-Chloronaphthalene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 2-Nitroaniline | 2100 | UJ | 2400 | UJ | 2400 | UJ | 2900 | R | 8600 | UJ |
| Dimethylphthalate | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| Acenaphthylene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 2,6-Dinitrotoluene | 850 | U | 940 | UJ | 940 | UJ | 1100 | R | 3400 | UJ |
| 3-Nitroaniline | 2100 | UJ | 2400 | UJ | 2400 | UJ | 2900 | R | 8600 | UJ |

| Sample Number: | ECCN1MS | | ECCN1MSD | | ECCN2 | | ECCN2RE | | ECCP1 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X109 | | X109 | | X110 | | X110 | | X201 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/29/99 | |
| Time Sampled: | 13:30 | | 13:30 | | 13:00 | | 13:00 | | 13:00 | |
| %Moisture: | | | | | | | | | | |
| PH: | 8.1 | | 8.1 | | 7.7 | | 7.7 | | 7.3 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 720 | J | 850 | J | 630 | U | 67 | J | 110 | J |
| 2,4-Dinitrophenol | 910 | R | 910 | R | 1600 | R | 1600 | UJ | 2100 | R |
| 4-Nitrophenol | 500 | J | 500 | J | 1600 | UJ | 1600 | UJ | 2100 | U |
| Dibenzofuran | 120 | J | 360 | UJ | 630 | U | 79 | J | 850 | U |
| 2,4-Dinitrotoluene | 540 | J | 580 | J | 630 | U | 630 | UJ | 850 | U |
| Diethylphthalate | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| 4-Chlorophenyl-phenylether | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| Fluorene | 360 | UJ | 360 | UJ | 630 | U | 130 | J | 180 | J |
| 4-Nitroaniline | 910 | UJ | 910 | UJ | 1600 | UJ | 1600 | UJ | 2100 | UJ |
| Dinitro-2-methylphenol | 910 | UJ | 910 | UJ | 1600 | UJ | 1600 | UJ | 2100 | UJ |
| trosodiphenylamine | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| 4-Bromophenyl-phenylether | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| Hexachlorobenzene | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| Pentachlorophenol | 130 | J | 360 | J | 1600 | UJ | 1600 | UJ | 2100 | U |
| Phenanthrene | 1200 | J | 340 | J | 270 | J | 1100 | J | 990 | |
| Anthracene | 120 | J | 48 | J | 630 | U | 240 | J | 230 | J |
| Carbazole | 79 | J | 32 | J | 630 | U | 63 | J | 850 | U |
| Di-n-butylphthalate | 360 | UJ | 360 | UJ | 630 | U | 150 | J | 850 | U |
| Fluoranthene | 510 | J | 360 | J | 420 | J | 1800 | J | 1700 | |
| Pyrene | 1900 | J | 1600 | J | 690 | J | 2600 | J | 3000 | J |
| Butylbenzylphthalate | 96 | J | 54 | J | 630 | UJ | 91 | J | 850 | UJ |
| 3,3'-Dichlorobenzidine | 360 | R | 360 | R | 630 | UJ | 630 | UJ | 850 | UJ |
| Benzo(a)anthracene | 480 | J | 270 | J | 260 | J | 990 | J | 1100 | J |
| Chrysene | 850 | J | 410 | J | 310 | J | 1100 | J | 1200 | J |
| bis(2-Ethylhexyl)phthalate | 570 | J | 310 | J | 180 | J | 330 | J | 460 | J |
| Di-n-octylphthalate | 360 | R | 360 | R | 630 | UJ | 630 | UJ | 850 | R |
| Benzo(b)fluoranthene | 400 | J | 360 | J | 250 | J | 900 | J | 1100 | J |
| Benzo(k)fluoranthene | 870 | J | 480 | J | 360 | J | 950 | J | 1300 | J |
| Benzo(a)pyrene | 520 | J | 400 | J | 280 | J | 980 | J | 1300 | J |
| Indeno(1,2,3-cd)pyrene | 360 | R | 35 | J | 630 | UJ | 450 | J | 850 | R |
| Dibenz(a,h)anthracene | 350 | J | 180 | J | 630 | UJ | 200 | J | 290 | J |
| Benzo(g,h,i)perylene | 720 | J | 470 | J | 160 | J | 590 | J | 730 | J |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCN1MS | | ECCN1MSD | | ECCN2 | | ECCN2RE | | ECCP1 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X109 | | X109 | | X110 | | X110 | | X201 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/29/99 | |
| Time Sampled: | 13:30 | | 13:30 | | 13:00 | | 13:00 | | 13:00 | |
| %Moisture: | 9 | | 9 | | 48 | | 48 | | 61 | |
| PH: | 8.1 | | 8.1 | | 7.7 | | 7.7 | | 7.3 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 800 | | 940 | | 630 | UJ | 630 | UJ | 850 | U |
| bis(2-Chloroethyl)ether | 360 | U | 360 | U | 630 | U | 630 | UJ | 850 | U |
| 2-Chlorophenol | 790 | | 940 | | 630 | UJ | 630 | UJ | 850 | U |
| 1,3-Dichlorobenzene | 360 | U | 360 | U | 630 | U | 630 | UJ | 850 | U |
| 1,4-Dichlorobenzene | 620 | | 740 | | 630 | U | 630 | UJ | 850 | U |
| 1,2-Dichlorobenzene | 360 | U | 360 | U | 630 | U | 630 | UJ | 850 | U |
| 2-Methylphenol | 360 | U | 360 | U | 630 | UJ | 630 | UJ | 850 | U |
| 2,2'-oxybis(1-chloropropane) | 360 | U | 360 | U | 630 | U | 630 | UJ | 850 | U |
| 4-Methylphenol | 360 | U | 360 | U | 630 | UJ | 630 | UJ | 850 | U |
| N-Nitroso-di-n-propylamine | 590 | | 720 | | 630 | U | 630 | UJ | 850 | U |
| Hexachloroethane | 360 | U | 360 | U | 630 | U | 630 | UJ | 850 | U |
| Nitrobenzene | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| Isophorone | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| 2-Nitrophenol | 360 | UJ | 360 | UJ | 630 | UJ | 630 | UJ | 850 | U |
| 2,4-Dimethylphenol | 360 | UJ | 360 | UJ | 630 | UJ | 630 | UJ | 850 | U |
| bis(2-Chloroethoxy)methane | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| 2,4-Dichlorophenol | 360 | UJ | 360 | UJ | 630 | UJ | 630 | UJ | 850 | U |
| 1,2,4-Trichlorobenzene | 680 | J | 800 | J | 630 | U | 630 | UJ | 850 | U |
| Naphthalene | 1800 | J | 250 | J | 630 | U | 130 | J | 850 | U |
| 4-Chloroaniline | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| Hexachlorobutadiene | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| 4-Chloro-3-methylphenol | 680 | J | 760 | J | 630 | UJ | 630 | UJ | 850 | U |
| 2-Methylnaphthalene | 2400 | J | 370 | J | 630 | U | 80 | J | 850 | U |
| Hexachlorocyclopentadiene | 360 | UJ | 360 | UJ | 630 | UJ | 630 | UJ | 850 | UJ |
| 2,4,6-Trichlorophenol | 360 | UJ | 360 | UJ | 630 | UJ | 630 | UJ | 850 | U |
| 2,4,5-Trichlorophenol | 910 | UJ | 910 | UJ | 1600 | UJ | 1600 | UJ | 2100 | U |
| 2-Chloronaphthalene | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| 2-Nitroaniline | 910 | UJ | 910 | UJ | 1600 | U | 1600 | UJ | 2100 | U |
| Dimethylphthalate | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| Acenaphthylene | 93 | J | 89 | J | 630 | U | 100 | J | 850 | U |
| 2,6-Dinitrotoluene | 360 | UJ | 360 | UJ | 630 | U | 630 | UJ | 850 | U |
| 3-Nitroaniline | 910 | UJ | 910 | UJ | 1600 | U | 1600 | UJ | 2100 | U |

| Sample Number: | ECCM9 | | ECCM9RE | | ECCN0 | | ECCN0RE | | ECCN1 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X107 | | X107 | | X108 | | X108 | | X109 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 16:00 | | 16:00 | | 16:30 | | 16:30 | | 13:30 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.8 | | 7.8 | | 7.8 | | 7.8 | | 8.1 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| 2,4-Dinitrophenol | 1200 | R | 1200 | UJ | 920 | R | 920 | R | 910 | R |
| 4-Nitrophenol | 1200 | R | 1200 | UJ | 920 | U | 920 | UJ | 910 | UJ |
| Dibenzofuran | 480 | U | 480 | UJ | 37 | J | 370 | U | 97 | J |
| 2,4-Dinitrotoluene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| Diethylphthalate | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| 4-Chlorophenyl-phenylether | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| Fluorene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| 4-Nitroaniline | 1200 | UJ | 1200 | UJ | 920 | UJ | 920 | UJ | 910 | UJ |
| 4 ' Dinitro-2-methylphenol | 1200 | R | 1200 | UJ | 920 | UJ | 920 | UJ | 910 | UJ |
| [illegible]rosodiphenylamine | 480 | UJ | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| 4-Bromophenyl-phenylether | 480 | UJ | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| Hexachlorobenzene | 480 | UJ | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| Pentachlorophenol | 1200 | R | 1200 | UJ | 920 | U | 920 | U | 910 | R |
| Phenanthrene | 68 | J | 49 | J | 200 | J | 200 | J | 920 | J |
| Anthracene | 480 | UJ | 480 | UJ | 370 | U | 370 | U | 99 | J |
| Carbazole | 480 | UJ | 480 | UJ | 370 | U | 370 | U | 61 | J |
| Di-n-butylphthalate | 480 | UJ | 53 | J | 370 | U | 370 | U | 360 | UJ |
| Fluoranthene | 86 | J | 81 | J | 210 | J | 220 | J | 370 | J |
| Pyrene | 150 | J | 95 | J | 390 | J | 350 | J | 1000 | J |
| Butylbenzylphthalate | 480 | UJ | 480 | UJ | 370 | UJ | 40 | J | 80 | J |
| 3,3'-Dichlorobenzidine | 480 | UJ | 480 | UJ | 370 | UJ | 370 | UJ | 360 | R |
| Benzo(a)anthracene | 64 | J | 52 | J | 150 | J | 150 | J | 390 | J |
| Chrysene | 86 | J | 64 | J | 230 | J | 230 | J | 660 | J |
| bis(2-Ethylhexyl)phthalate | 54 | J | 480 | UJ | 110 | J | 100 | J | 470 | J |
| Di-n-octylphthalate | 480 | R | 480 | UJ | 370 | R | 370 | UJ | 360 | R |
| Benzo(b)fluoranthene | 64 | J | 67 | J | 180 | J | 200 | J | 310 | J |
| Benzo(k)fluoranthene | 110 | J | 61 | J | 260 | J | 200 | J | 640 | J |
| Benzo(a)pyrene | 73 | J | 66 | J | 180 | J | 150 | J | 400 | J |
| Indeno(1,2,3-cd)pyrene | 480 | R | 480 | UJ | 370 | R | 370 | UJ | 360 | R |
| Dibenz(a,h)anthracene | 480 | R | 480 | UJ | 370 | R | 80 | J | 250 | J |
| Benzo(g,h,i)perylene | 54 | J | 60 | J | 160 | J | 180 | J | 540 | J |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCM9 | | ECCM9RE | | ECCN0 | | ECCN0RE | | ECCN1 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X107 | | X107 | | X108 | | X108 | | X109 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | | 04/28/99 | |
| Time Sampled: | 16:00 | | 16:00 | | 16:30 | | 16:30 | | 13:30 | |
| %Moisture: | 32 | | 32 | | 10 | | 10 | | 9 | |
| PH: | 7.8 | | 7.8 | | 7.8 | | 7.8 | | 8.1 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 480 | R | 480 | UJ | 370 | U | 370 | UJ | 360 | U |
| bis(2-Chloroethyl)ether | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 2-Chlorophenol | 480 | R | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 1,3-Dichlorobenzene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 1,4-Dichlorobenzene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 1,2-Dichlorobenzene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 2-Methylphenol | 480 | R | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 2,2'-oxybis(1-chloropropane) | 480 | U | 480 | UJ | 370 | U | 370 | UJ | 360 | U |
| 4-Methylphenol | 480 | R | 480 | UJ | 370 | U | 370 | U | 360 | U |
| N-Nitroso-di-n-propylamine | 480 | U | 480 | UJ | 370 | U | 370 | UJ | 360 | UJ |
| Hexachloroethane | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| Nitrobenzene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| Isophorone | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 2-Nitrophenol | 480 | R | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 2,4-Dimethylphenol | 480 | R | 480 | UJ | 370 | U | 370 | U | 360 | U |
| bis(2-Chloroethoxy)methane | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 2,4-Dichlorophenol | 480 | R | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 1,2,4-Trichlorobenzene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| Naphthalene | 480 | U | 480 | UJ | 190 | J | 180 | J | 1400 | |
| 4-Chloroaniline | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| Hexachlorobutadiene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | U |
| 4-Chloro-3-methylphenol | 480 | R | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| 2-Methylnaphthalene | 480 | U | 480 | UJ | 110 | J | 100 | J | 2000 | |
| Hexachlorocyclopentadiene | 480 | UJ | 480 | UJ | 370 | UJ | 370 | UJ | 360 | UJ |
| 2,4,6-Trichlorophenol | 480 | R | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| 2,4,5-Trichlorophenol | 1200 | R | 1200 | UJ | 920 | U | 920 | U | 910 | UJ |
| 2-Chloronaphthalene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| 2-Nitroaniline | 1200 | U | 1200 | UJ | 920 | U | 920 | UJ | 910 | UJ |
| Dimethylphthalate | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| Acenaphthylene | 480 | U | 480 | UJ | 370 | U | 370 | U | 66 | J |
| 2,6-Dinitrotoluene | 480 | U | 480 | UJ | 370 | U | 370 | U | 360 | UJ |
| 3-Nitroaniline | 1200 | U | 1200 | UJ | 920 | U | 920 | UJ | 910 | UJ |

| Sample Number: | ECCM5DLRE | | ECCM6 | | ECCM6DL | | ECCM7 | | ECCM7RE | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X103 | | X104 | | X104 | | X105 | | X105 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | |
| Time Sampled: | 10:45 | | 12:00 | | 12:00 | | 11:30 | | 11:30 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.4 | | 7.5 | | 7.5 | | 7.5 | | 7.5 | |
| Dilution Factor: | 2.0 | | 1.0 | | 5.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 230 | J | 270 | J | 230 | J | 120 | J | 120 | J |
| 2,4-Dinitrophenol | 2500 | UJ | 1100 | R | 5500 | R | 1100 | R | 1100 | R |
| 4-Nitrophenol | 2500 | UJ | 1100 | U | 5500 | UJ | 1100 | U | 1100 | UJ |
| Dibenzofuran | 120 | J | 250 | J | 220 | J | 120 | J | 110 | J |
| 2,4-Dinitrotoluene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| Diethylphthalate | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 4-Chlorophenyl-phenylether | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| Fluorene | 240 | J | 400 | J | 380 | J | 170 | J | 160 | J |
| 4-Nitroaniline | 2500 | UJ | 1100 | UJ | 5500 | UJ | 1100 | UJ | 1100 | UJ |
| Dinitro-2-methylphenol | 2500 | UJ | 1100 | UJ | 5500 | UJ | 1100 | UJ | 1100 | UJ |
| rosodiphenylamine | 1000 | UJ | 440 | UJ | 2200 | U | 450 | U | 450 | U |
| 4-Bromophenyl-phenylether | 1000 | UJ | 440 | UJ | 2200 | U | 450 | U | 450 | U |
| Hexachlorobenzene | 1000 | UJ | 440 | UJ | 2200 | U | 450 | U | 450 | U |
| Pentachlorophenol | 2500 | UJ | 1100 | UJ | 5500 | UJ | 1100 | U | 1100 | U |
| Phenanthrene | 2600 | J | 4400 | J | 4000 | | 1800 | | 1700 | |
| Anthracene | 720 | J | 800 | J | 660 | J | 380 | J | 390 | J |
| Carbazole | 220 | J | 370 | J | 340 | J | 180 | J | 160 | J |
| Di-n-butylphthalate | 1000 | UJ | 500 | UJ | 2200 | U | 450 | U | 450 | U |
| Fluoranthene | 4100 | J | 4200 | J | 4700 | | 1600 | | 1600 | |
| Pyrene | 4200 | J | 8000 | J | 5800 | | 2700 | J | 2600 | J |
| Butylbenzylphthalate | 1000 | UJ | 440 | R | 2200 | U | 450 | UJ | 450 | UJ |
| 3,3'-Dichlorobenzidine | 1000 | UJ | 440 | R | 2200 | U | 450 | UJ | 450 | UJ |
| Benzo(a)anthracene | 2000 | J | 2700 | J | 2400 | | 950 | J | 960 | J |
| Chrysene | 2200 | J | 3000 | J | 2700 | | 1000 | J | 1000 | J |
| bis(2-Ethylhexyl)phthalate | 1000 | UJ | 170 | J | 2200 | U | 78 | J | 74 | J |
| Di-n-octylphthalate | 1000 | UJ | 440 | R | 2200 | U | 450 | R | 450 | UJ |
| Benzo(b)fluoranthene | 1700 | J | 1800 | J | 1800 | J | 790 | J | 660 | J |
| Benzo(k)fluoranthene | 1900 | J | 3500 | J | 2500 | | 980 | J | 1000 | J |
| Benzo(a)pyrene | 2000 | J | 2600 | J | 2200 | | 940 | J | 900 | J |
| Indeno(1,2,3-cd)pyrene | 1000 | J | 55 | J | 1300 | J | 390 | J | 520 | J |
| Dibenz(a,h)anthracene | 450 | J | 650 | J | 750 | J | 300 | J | 310 | J |
| Benzo(g,h,i)perylene | 1100 | J | 1800 | J | 1400 | J | 560 | J | 530 | J |

Case #: 26961 SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

| Sample Number: | ECCM5DLRE | | ECCM6 | | ECCM6DL | | ECCM7 | | ECCM7RE | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X103 | | X104 | | X104 | | X105 | | X105 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | |
| Time Sampled: | 10:45 | | 12:00 | | 12:00 | | 11:30 | | 11:30 | |
| %Moisture: | 34 | | 25 | | 25 | | 27 | | 27 | |
| PH: | 7.4 | | 7.5 | | 7.5 | | 7.5 | | 7.5 | |
| Dilution Factor: | 2.0 | | 1.0 | | 5.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | UJ |
| bis(2-Chloroethyl)ether | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 2-Chlorophenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | U |
| 1,3-Dichlorobenzene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 1,4-Dichlorobenzene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 1,2-Dichlorobenzene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 2-Methylphenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | U |
| 2,2'-oxybis(1-chloropropane) | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | UJ |
| 4-Methylphenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | U |
| N-Nitroso-di-n-propylamine | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | UJ |
| Hexachloroethane | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| Nitrobenzene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| Isophorone | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 2-Nitrophenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | U |
| 2,4-Dimethylphenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | U |
| bis(2-Chloroethoxy)methane | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 2,4-Dichlorophenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | U |
| 1,2,4-Trichlorobenzene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| Naphthalene | 110 | J | 290 | J | 250 | J | 120 | J | 120 | J |
| 4-Chloroaniline | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| Hexachlorobutadiene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 4-Chloro-3-methylphenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | U |
| 2-Methylnaphthalene | 1000 | UJ | 200 | J | 2200 | U | 67 | J | 64 | J |
| Hexachlorocyclopentadiene | 1000 | UJ | 440 | UJ | 2200 | UJ | 450 | UJ | 450 | UJ |
| 2,4,6-Trichlorophenol | 1000 | UJ | 440 | U | 2200 | UJ | 450 | U | 450 | U |
| 2,4,5-Trichlorophenol | 2500 | UJ | 1100 | U | 5500 | UJ | 1100 | U | 1100 | U |
| 2-Chloronaphthalene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 2-Nitroaniline | 2500 | UJ | 1100 | U | 5500 | UJ | 1100 | U | 1100 | UJ |
| Dimethylphthalate | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| Acenaphthylene | 1000 | UJ | 100 | J | 2200 | U | 450 | U | 450 | U |
| 2,6-Dinitrotoluene | 1000 | UJ | 440 | U | 2200 | U | 450 | U | 450 | U |
| 3-Nitroaniline | 2500 | UJ | 1100 | U | 5500 | UJ | 1100 | U | 1100 | UJ |

| Sample Number: | ECCM3 | | ECCM3RE | | ECCM4 | | ECCM4DLRE | | ECCM5 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X101 | | X101 | | X102 | | X102 | | X103 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | |
| Time Sampled: | 12:30 | | 12:30 | | 10:43 | | 10:43 | | 10:45 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.5 | | 7.5 | | 7.4 | | 7.4 | | 7.4 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 2.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Acenaphthene | 450 | UJ | 450 | UJ | 190 | J | 180 | J | 160 | J |
| 2,4-Dinitrophenol | 1100 | R | 1100 | UJ | 1200 | R | 2400 | UJ | 1200 | R |
| 4-Nitrophenol | 1100 | UJ | 1100 | UJ | 1200 | UJ | 2400 | UJ | 1200 | R |
| Dibenzofuran | 450 | UJ | 45 | J | 110 | J | 85 | J | 120 | J |
| 2,4-Dinitrotoluene | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| Diethylphthalate | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 4-Chlorophenyl-phenylether | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| Fluorene | 450 | UJ | 450 | UJ | 180 | J | 180 | J | 230 | J |
| 4-Nitroaniline | 1100 | UJ | 1100 | UJ | 1200 | UJ | 2400 | UJ | 1200 | UJ |
| 4,6-Dinitro-2-methylphenol | 1100 | UJ | 1100 | UJ | 1200 | UJ | 2400 | UJ | 1200 | R |
| N-Nitrosodiphenylamine | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | UJ |
| 4-Bromophenyl-phenylether | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | UJ |
| Hexachlorobenzene | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | UJ |
| Pentachlorophenol | 1100 | UJ | 1100 | UJ | 1200 | UJ | 2400 | UJ | 1200 | R |
| Phenanthrene | 400 | J | 420 | J | 2200 | | 2400 | J | 2600 | J |
| Anthracene | 77 | J | 120 | J | 530 | | 630 | J | 500 | J |
| Carbazole | 450 | UJ | 49 | J | 150 | J | 210 | J | 200 | J |
| Di-n-butylphthalate | 450 | UJ | 44 | J | 480 | U | 970 | UJ | 500 | UJ |
| Fluoranthene | 460 | J | 630 | J | 3300 | | 4700 | J | 3100 | J |
| Pyrene | 730 | J | 680 | J | 6200 | J | 4900 | J | 5600 | J |
| Butylbenzylphthalate | 450 | R | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| 3,3'-Dichlorobenzidine | 450 | R | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| Benzo(a)anthracene | 310 | J | 390 | J | 2000 | J | 2400 | J | 1800 | J |
| Chrysene | 470 | J | 500 | J | 2300 | J | 2700 | J | 2100 | J |
| bis(2-Ethylhexyl)phthalate | 140 | J | 92 | J | 94 | J | 91 | J | 120 | J |
| Di-n-octylphthalate | 450 | R | 450 | UJ | 480 | R | 970 | UJ | 500 | R |
| Benzo(b)fluoranthene | 340 | J | 530 | J | 1600 | J | 2400 | J | 1400 | J |
| Benzo(k)fluoranthene | 500 | J | 360 | J | 2300 | J | 2000 | J | 2100 | J |
| Benzo(a)pyrene | 410 | J | 460 | J | 1800 | J | 2400 | J | 1600 | J |
| Indeno(1,2,3-cd)pyrene | 220 | J | 250 | J | 480 | R | 1200 | J | 500 | R |
| Dibenz(a,h)anthracene | 110 | J | 110 | J | 420 | J | 510 | J | 560 | J |
| Benzo(g,h,i)perylene | 380 | J | 340 | J | 1300 | J | 1200 | J | 1200 | J |

Analytical Results (Qualified Data)

Case #: 26961
SDG: ECCM3
Site: INTERLAKE PROPERTIES
Lab. : AATSLA
Reviewer:
Date:

Number of Soil Samples : 20
Number of Water Samples : 0

| Sample Number: | ECCM3 | | ECCM3RE | | ECCM4 | | ECCM4DLRE | | ECCM5 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | X101 | | X101 | | X102 | | X102 | | X103 | |
| Matrix: | Soil | | Soil | | Soil | | Soil | | Soil | |
| Units: | ug/kg | | ug/kg | | ug/kg | | ug/kg | | ug/kg | |
| Date Sampled: | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | | 04/29/99 | |
| Time Sampled: | 12:30 | | 12:30 | | 10:43 | | 10:43 | | 10:45 | |
| %Moisture: | 27 | | 27 | | 32 | | 32 | | 34 | |
| PH: | 7.5 | | 7.5 | | 7.4 | | 7.4 | | 7.4 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 2.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| bis(2-Chloroethyl)ether | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 2-Chlorophenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| 1,3-Dichlorobenzene | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 1,4-Dichlorobenzene | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 1,2-Dichlorobenzene | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 2-Methylphenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| 2,2'-oxybis(1-chloropropane) | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 4-Methylphenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| N-Nitroso-di-n-propylamine | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| Hexachloroethane | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| Nitrobenzene | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| Isophorone | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 2-Nitrophenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| 2,4-Dimethylphenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| bis(2-Chloroethoxy)methane | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 2,4-Dichlorophenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| 1,2,4-Trichlorobenzene | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| Naphthalene | 130 | J | 140 | J | 92 | J | 110 | J | 150 | J |
| 4-Chloroaniline | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| Hexachlorobutadiene | 450 | U | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 4-Chloro-3-methylphenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| 2-Methylnaphthalene | 62 | J | 64 | J | 69 | J | 970 | UJ | 89 | J |
| Hexachlorocyclopentadiene | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | UJ |
| 2,4,6-Trichlorophenol | 450 | UJ | 450 | UJ | 480 | UJ | 970 | UJ | 500 | R |
| 2,4,5-Trichlorophenol | 1100 | UJ | 1100 | UJ | 1200 | UJ | 2400 | UJ | 1200 | R |
| 2-Chloronaphthalene | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 2-Nitroaniline | 1100 | UJ | 1100 | UJ | 1200 | U | 2400 | UJ | 1200 | U |
| Dimethylphthalate | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| Acenaphthylene | 49 | J | 84 | J | 480 | U | 970 | UJ | 55 | J |
| 2,6-Dinitrotoluene | 450 | UJ | 450 | UJ | 480 | U | 970 | UJ | 500 | U |
| 3-Nitroaniline | 1100 | UJ | 1100 | UJ | 1200 | U | 2400 | UJ | 1200 | U |

Semivolatile Analysis Data - ECCP9DLRE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 832-69-9 | PHENANTHRENE, 1-METHYL- | 8.13 | 600.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.17 | 650.000 | JN |
| | UNKNOWN | 8.28 | 1100.000 | J |
| 832-71-3 | PHENANTHRENE, 3-METHYL- | 8.32 | 500.000 | JN |
| 35465-71-5 | 2-PHENYLNAPHTHALENE | 8.53 | 430.000 | JN |
| | UNKNOWN | 9.30 | 530.000 | J |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.70 | 600.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 9.85 | 1400.000 | JN |
| 205-12-9 | 7H-BENZO[C]FLUORENE | 9.95 | 750.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.00 | 770.000 | JN |
| 3353-12-6 | PYRENE, 4-METHYL- | 10.12 | 540.000 | JN |
| 2381-21-7 | PYRENE, 1-METHYL- | 10.15 | 520.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.57 | 500.000 | JN |
| 239-35-0 | BENZO[B]NAPHTHO[2,1-D]THIOPH | 10.70 | 640.000 | JN |
| | UNKNOWN AROMATIC | 10.75 | 710.000 | J |
| 3351-28-8 | CHRYSENE, 1-METHYL- | 11.58 | 580.000 | JN |
| | UNKNOWN | 11.77 | 510.000 | J |
| | UNKNOWN | 12.13 | 500.000 | J |
| | UNKNOWN | 12.32 | 1100.000 | J |
| 198-55-0 | PERYLENE | 12.75 | 1100.000 | JN |
| | UNKNOWN | 13.10 | 630.000 | J |
| | UNKNOWN | 13.33 | 550.000 | J |
| | UNKNOWN | 13.40 | 540.000 | J |
| | UNKNOWN | 13.92 | 1200.000 | J |
| | UNKNOWN | 14.32 | 1100.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.62 | 5200.000 | JN |
| | UNKNOWN | 14.68 | 500.000 | J |
| | UNKNOWN | 14.93 | 1600.000 | J |
| | UNKNOWN | 15.45 | 1200.000 | J |
| | UNKNOWN | 16.13 | 720.000 | J |



Semivolatile Analysis Data - ECCP3DLRE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 4.07 | 9800.000 | J |
| | UNKNOWN | 4.58 | 11000.000 | J |
| | UNKNOWN | 4.63 | 12000.000 | J |
| 571-61-9 | NAPHTHALENE, 1,5-DIMETHYL- | 5.13 | 24000.000 | JN |
| 571-61-9 | NAPHTHALENE, 1,5-DIMETHYL- | 5.22 | 28000.000 | JN |
| | UNKNOWN | 5.25 | 22000.000 | J |
| 571-58-4 | NAPHTHALENE, 1,4-DIMETHYL- | 5.35 | 11000.000 | JN |
| 573-98-8 | NAPHTHALENE, 1,2-DIMETHYL- | 5.47 | 13000.000 | JN |
| 829-26-5 | NAPHTHALENE, 2,3,6-TRIMETHYL | 5.80 | 28000.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 5.87 | 61000.000 | JN |
| 2245-38-7 | NAPHTHALENE, 1,6,7-TRIMETHYL | 5.90 | 47000.000 | JN |
| | UNKNOWN | 5.95 | 20000.000 | J |
| 829-26-5 | NAPHTHALENE, 2,3,6-TRIMETHYL | 6.02 | 37000.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.03 | 22000.000 | JN |
| | UNKNOWN | 6.08 | 17000.000 | J |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.12 | 32000.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.13 | 22000.000 | JN |
| | UNKNOWN | 6.20 | 23000.000 | J |
| 2489-86-3 | NAPHTHALENE, 1-(2-PROPENYL)- | 6.37 | 36000.000 | JN |
| 2027-17-0 | NAPHTHALENE, 2-(1-METHYLETHY | 6.40 | 14000.000 | JN |
| | UNKNOWN | 6.48 | 31000.000 | J |
| | UNKNOWN | 6.53 | 15000.000 | J |
| | UNKNOWN | 6.70 | 11000.000 | J |
| ·05-5 | AZULENE, 7-ETHYL-1,4-DIMETHY | 6.87 | 15000.000 | JN |
| ·0-37-6 | 9H-FLUORENE, 1-METHYL- | 6.95 | 19000.000 | JN |
| 611-43-8 | 1,1'-BIPHENYL, 2,3'-DIMETHYL | 7.02 | 28000.000 | JN |
| 605-39-0 | 2,2'-DIMETHYLBIPHENYL | 7.18 | 16000.000 | JN |
| 132-65-0 | DIBENZOTHIOPHENE | 7.33 | 17000.000 | JN |
| 781-43-1 | 9,10-DIMETHYLANTHRACENE | 8.90 | 13000.000 | JN |

Semivolatile Analysis Data - ECRM3RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 95-13-6 | INDENE | 3.10 | 320.000 | JN |
| 90-12-0 | NAPHTHALENE, 1-METHYL- | 4.58 | 260.000 | JN |
| 581-42-0 | NAPHTHALENE, 2,6-DIMETHYL- | 5.12 | 240.000 | JN |
| 575-41-7 | NAPHTHALENE, 1,3-DIMETHYL- | 5.22 | 440.000 | JN |
| 581-42-0 | NAPHTHALENE, 2,6-DIMETHYL- | 5.23 | 230.000 | JN |
| 581-40-8 | NAPHTHALENE, 2,3-DIMETHYL- | 5.35 | 300.000 | JN |
| 2245-38-7 | NAPHTHALENE, 1,6,7-TRIMETHYL | 5.88 | 260.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.00 | 180.000 | JN |
| 829-26-5 | NAPHTHALENE, 2,3,6-TRIMETHYL | 6.12 | 630.000 | JN |
| 7320-53-8 | DIBENZOFURAN, 4-METHYL- | 6.47 | 210.000 | JN |
| | UNKNOWN | 7.15 | 520.000 | J |
| | UNKNOWN | 7.27 | 180.000 | J |
| | UNKNOWN | 8.00 | 170.000 | J |
| 779-02-2 | ANTHRACENE, 9-METHYL- | 8.13 | 260.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.17 | 480.000 | JN |
| 57-10-3 | HEXADECANOIC ACID | 8.25 | 290.000 | JN |
| 610-48-0 | ANTHRACENE, 1-METHYL- | 8.28 | 190.000 | JN |
| 1576-67-6 | PHENANTHRENE, 3,6-DIMETHYL- | 8.90 | 220.000 | JN |
| | UNKNOWN | 9.30 | 290.000 | J |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.85 | 920.000 | JN |
| 3353-12-6 | PYRENE, 4-METHYL- | 10.00 | 550.000 | JN |
| 2381-21-7 | PYRENE, 1-METHYL- | 10.17 | 360.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.57 | 270.000 | JN |
| 243-46-9 | BENZO[B]NAPHTHO[2,3-D]THIOPH | 10.70 | 250.000 | JN |
| 25732-74-5 | 3,4-DIHYDROCYCLOPENTA(CD)PYR | 10.75 | 290.000 | JN |
| 198-55-0 | PERYLENE | 12.75 | 800.000 | JN |
| | UNKNOWN | 13.67 | 680.000 | J |
| | UNKNOWN | 14.30 | 750.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.62 | 1400.000 | JN |
| | UNKNOWN | 14.70 | 770.000 | J |

Semivolatile Analysis Data - ECCP2RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS MBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 6.07 | 1100.000 | J |
| 643-58-3 | 1,1'-BIPHENYL, 2-METHYL- | 6.35 | 1100.000 | JN |
| | UNKNOWN | 6.48 | 1300.000 | J |
| | UNKNOWN | 6.80 | 1000.000 | J |
| | UNKNOWN | 6.87 | 1500.000 | J |
| | UNKNOWN | 6.93 | 1100.000 | J |
| | UNKNOWN | 7.02 | 1600.000 | J |
| | UNKNOWN | 7.12 | 980.000 | J |
| | UNKNOWN | 8.78 | 3500.000 | J |
| | UNKNOWN | 10.87 | 1600.000 | J |
| | UNKNOWN | 11.73 | 960.000 | J |
| | UNKNOWN | 12.05 | 1100.000 | J |
| | UNKNOWN | 12.30 | 850.000 | J |
| | UNKNOWN | 12.55 | 2500.000 | J |
| | UNKNOWN | 13.20 | 980.000 | J |
| | UNKNOWN | 13.32 | 1800.000 | J |
| | UNKNOWN | 13.47 | 940.000 | J |
| | UNKNOWN | 13.65 | 940.000 | J |
| | UNKNOWN | 14.30 | 1800.000 | J |
| | UNKNOWN | 14.40 | 1500.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.60 | 4600.000 | JN |
| | UNKNOWN | 14.68 | 5100.000 | J |
| | UNKNOWN | 14.78 | 2800.000 | J |
| | UNKNOWN | 14.92 | 1800.000 | J |
| | UNKNOWN | 15.03 | 1900.000 | J |
| | UNKNOWN | 15.20 | 900.000 | J |
| | UNKNOWN | 15.40 | 990.000 | J |
| | UNKNOWN | 15.92 | 1300.000 | J |
| | UNKNOWN | 16.25 | 1300.000 | J |
| | UNKNOWN | 16.43 | 1300.000 | J |

Semivolatile Analysis Data - ECRM2DLRE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 6783-92-2 | CYCLOHEXANE, 1,1,2,3-TETRAME | 2.53 | 250.000 | JN |
| 10425-90-8 | BENZENE, 1-ISOPENTYL-2,4,5-T | 5.40 | 280.000 | JN |
| 829-26-5 | NAPHTHALENE, 2,3,6-TRIMETHYL | 5.88 | 260.000 | JN |
| | UNKNOWN | 6.07 | 240.000 | J |
| | UNKNOWN | 7.13 | 240.000 | J |
| | UNKNOWN | 8.17 | 570.000 | J |
| 57-10-3 | HEXADECANOIC ACID | 8.23 | 460.000 | JN |
| 35465-71-5 | 2-PHENYLNAPHTHALENE | 8.53 | 260.000 | JN |
| 3674-65-5 | PHENANTHRENE, 2,3-DIMETHYL- | 8.90 | 250.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.87 | 410.000 | JN |
| | UNKNOWN | 12.30 | 480.000 | J |
| | UNKNOWN | 12.55 | 790.000 | J |
| | UNKNOWN | 12.58 | 750.000 | J |
| | UNKNOWN | 12.67 | 300.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 12.75 | 680.000 | JN |
| | UNKNOWN | 13.07 | 430.000 | J |
| | UNKNOWN | 13.12 | 340.000 | J |
| | UNKNOWN | 13.17 | 420.000 | J |
| | UNKNOWN | 13.30 | 200.000 | J |
| | UNKNOWN | 13.35 | 360.000 | J |
| | UNKNOWN | 13.47 | 210.000 | J |
| | UNKNOWN | 13.65 | 300.000 | J |
| | UNKNOWN | 13.87 | 240.000 | J |
| | UNKNOWN | 14.28 | 240.000 | J |
| | UNKNOWN | 14.58 | 500.000 | J |
| | UNKNOWN | 14.68 | 290.000 | J |
| | UNKNOWN | 14.90 | 240.000 | J |
| | UNKNOWN | 15.65 | 260.000 | J |
| | UNKNOWN | 15.82 | 710.000 | J |
| | UNKNOWN | 15.90 | 220.000 | J |

Semivolatile Analysis Data - ECCP8RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS MBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 8.15 | 930.000 | J |
| 57-10-3 | HEXADECANOIC ACID | 8.25 | 670.000 | JN |
| | UNKNOWN | 10.87 | 740.000 | J |
| | UNKNOWN | 12.30 | 1500.000 | J |
| | UNKNOWN | 12.55 | 910.000 | J |
| | UNKNOWN | 12.62 | 350.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 12.75 | 560.000 | JN |
| | UNKNOWN | 13.15 | 550.000 | J |
| | UNKNOWN | 13.18 | 500.000 | J |
| | UNKNOWN | 13.30 | 1100.000 | J |
| | UNKNOWN | 13.53 | 520.000 | J |
| | UNKNOWN | 13.65 | 670.000 | J |
| 516-95-0 | EPICHOLESTANOL | 13.70 | 630.000 | JN |
| | UNKNOWN | 13.85 | 380.000 | J |
| | UNKNOWN | 13.88 | 380.000 | J |
| | UNKNOWN | 13.95 | 440.000 | J |
| | UNKNOWN | 14.02 | 390.000 | J |
| 83-48-7 | STIGMASTEROL | 14.30 | 2000.000 | JN |
| | UNKNOWN | 14.37 | 1700.000 | J |
| | UNKNOWN | 14.40 | 730.000 | J |
| | UNKNOWN | 14.53 | 590.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.60 | 2300.000 | JN |
| | UNKNOWN | 14.68 | 3200.000 | J |
| | UNKNOWN | 14.78 | 400.000 | J |
| | UNKNOWN | 14.90 | 1100.000 | J |
| | UNKNOWN | 15.03 | 660.000 | J |
| | UNKNOWN | 15.40 | 430.000 | J |
| | UNKNOWN | 15.90 | 870.000 | J |
| | UNKNOWN | 16.25 | 380.000 | J |
| | UNKNOWN | 16.42 | 1100.000 | J |

Semivolatile Analysis Data - ECCP6RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 128-37-0 | BUTYLATED HYDROXYTOLUENE | 5.68 | 150.000 | JN |
| 57-10-3 | HEXADECANOIC ACID | 8.23 | 190.000 | JN |
| | UNKNOWN | 8.50 | 200.000 | J |
| | UNKNOWN | 9.18 | 490.000 | J |
| | UNKNOWN | 9.27 | 340.000 | J |
| 53-19-0 | MITOTANE | 10.05 | 150.000 | JN |
| | UNKNOWN | 10.52 | 130.000 | J |
| | UNKNOWN | 11.82 | 190.000 | J |
| | UNKNOWN | 12.03 | 350.000 | J |
| | UNKNOWN | 12.30 | 190.000 | J |
| | UNKNOWN | 12.55 | 1300.000 | J |
| | UNKNOWN | 12.62 | 430.000 | J |
| | UNKNOWN | 13.30 | 630.000 | J |
| | UNKNOWN | 13.37 | 340.000 | J |
| | UNKNOWN | 13.53 | 230.000 | J |
| | UNKNOWN | 13.65 | 230.000 | J |
| | UNKNOWN | 13.70 | 220.000 | J |
| | UNKNOWN | 14.15 | 580.000 | J |
| | UNKNOWN | 14.27 | 250.000 | J |
| | UNKNOWN | 14.38 | 690.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.58 | 1200.000 | JN |
| | UNKNOWN | 14.65 | 490.000 | J |
| | UNKNOWN | 14.67 | 590.000 | J |
| | UNKNOWN | 14.80 | 420.000 | J |
| | UNKNOWN | 14.90 | 350.000 | J |
| | UNKNOWN | 15.02 | 270.000 | J |
| | UNKNOWN | 15.30 | 230.000 | J |
| | UNKNOWN | 15.40 | 290.000 | J |
| | UNKNOWN | 15.90 | 600.000 | J |
| | UNKNOWN | 16.08 | 130.000 | J |



Semivolatile Analysis Data - ECCP7RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 2.53 | 180.000 | J |
| | UNKNOWN | 3.27 | 170.000 | J |
| | UNKNOWN | 4.15 | 130.000 | J |
| | UNKNOWN | 5.02 | 210.000 | J |
| 575-41-7 | NAPHTHALENE, 1,3-DIMETHYL- | 5.22 | 150.000 | JN |
| 582-16-1 | NAPHTHALENE, 2,7-DIMETHYL- | 5.25 | 140.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.00 | 160.000 | JN |
| | UNKNOWN | 6.07 | 120.000 | J |
| | UNKNOWN | 7.00 | 160.000 | J |
| | UNKNOWN | 7.15 | 190.000 | J |
| 610-48-0 | ANTHRACENE, 1-METHYL- | 8.13 | 130.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.17 | 160.000 | JN |
| 57-10-3 | HEXADECANOIC ACID | 8.23 | 190.000 | JN |
| 35465-71-5 | 2-PHENYLNAPHTHALENE | 8.53 | 140.000 | JN |
| 781-43-1 | 9,10-DIMETHYLANTHRACENE | 8.90 | 190.000 | JN |
| | UNKNOWN | 9.30 | 640.000 | J |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.72 | 490.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 9.85 | 1200.000 | JN |
| 2381-21-7 | PYRENE, 1-METHYL- | 10.00 | 470.000 | JN |
| 192-97-2 | BENZO[E]PYRENE | 12.75 | 360.000 | JN |
| | UNKNOWN | 13.12 | 170.000 | J |
| | UNKNOWN | 13.20 | 170.000 | J |
| | UNKNOWN | 13.35 | 160.000 | J |
| | UNKNOWN | 13.83 | 210.000 | J |
| | UNKNOWN | 14.27 | 320.000 | J |
| | UNKNOWN AROMATIC | 14.68 | 200.000 | J |

Semivolatile Analysis Data - ECCP5RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS JMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 57-10-3 | HEXADECANOIC ACID | 8.23 | 360.000 | JN |
| | UNKNOWN | 9.92 | 340.000 | J |
| | UNKNOWN | 12.03 | 860.000 | J |
| | UNKNOWN | 12.28 | 460.000 | J |
| | UNKNOWN | 12.55 | 3300.000 | J |
| | UNKNOWN | 12.62 | 930.000 | J |
| | UNKNOWN | 12.93 | 360.000 | J |
| | UNKNOWN | 12.98 | 480.000 | J |
| | UNKNOWN | 13.30 | 2000.000 | J |
| | UNKNOWN | 13.37 | 920.000 | J |
| | UNKNOWN | 13.53 | 320.000 | J |
| | UNKNOWN | 13.65 | 550.000 | J |
| | UNKNOWN | 13.70 | 380.000 | J |
| | UNKNOWN | 13.88 | 400.000 | J |
| | UNKNOWN | 13.97 | 460.000 | J |
| | UNKNOWN | 14.00 | 740.000 | J |
| | UNKNOWN | 14.15 | 1800.000 | J |
| | UNKNOWN | 14.22 | 620.000 | J |
| | UNKNOWN | 14.28 | 1500.000 | J |
| | UNKNOWN | 14.38 | 1800.000 | J |
| | UNKNOWN | 14.53 | 540.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.58 | 3100.000 | JN |
| | UNKNOWN | 14.65 | 3000.000 | J |
| | UNKNOWN | 14.80 | 890.000 | J |
| | UNKNOWN | 14.90 | 1100.000 | J |
| | UNKNOWN | 15.02 | 510.000 | J |
| | UNKNOWN | 15.15 | 320.000 | J |
| | UNKNOWN | 15.38 | 660.000 | J |
| | UNKNOWN | 15.90 | 850.000 | J |
| | UNKNOWN | 16.42 | 380.000 | J |

Semivolatile Analysis Data - ECCN2RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.17 | 510.000 | JN |
| 57-10-3 | HEXADECANOIC ACID | 8.25 | 950.000 | JN |
| | UNKNOWN | 9.18 | 420.000 | J |
| | UNKNOWN | 9.58 | 400.000 | J |
| 3442-78-2 | PYRENE, 2-METHYL- | 9.85 | 400.000 | JN |
| | UNKNOWN | 12.30 | 760.000 | J |
| | UNKNOWN | 12.55 | 860.000 | J |
| | UNKNOWN | 12.58 | 360.000 | J |
| 198-55-0 | PERYLENE | 12.75 | 600.000 | JN |
| | UNKNOWN | 13.32 | 770.000 | J |
| | UNKNOWN | 13.37 | 990.000 | J |
| | UNKNOWN | 13.47 | 870.000 | J |
| 57-88-5 | CHOLESTEROL | 13.65 | 630.000 | JN |
| | UNKNOWN | 13.88 | 990.000 | J |
| | UNKNOWN | 14.28 | 570.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.62 | 11000.000 | JN |
| | UNKNOWN | 14.67 | 660.000 | J |
| | UNKNOWN | 14.77 | 1300.000 | J |
| | UNKNOWN | 14.92 | 1500.000 | J |
| | UNKNOWN | 15.05 | 1800.000 | J |
| 638-95-9 | .ALPHA.-AMYRIN | 15.20 | 980.000 | JN |
| | UNKNOWN | 15.32 | 1400.000 | J |
| 1058-61-3 | STIGMAST-4-EN-3-ONE | 15.42 | 7900.000 | JN |
| | UNKNOWN | 15.53 | 440.000 | J |
| | UNKNOWN | 15.68 | 3100.000 | J |
| | UNKNOWN | 15.83 | 510.000 | J |
| | UNKNOWN | 16.47 | 1100.000 | J |



Semivolatile Analysis Data - ECCP4RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 100-52-7 | BENZALDEHYDE | 2.58 | 320.000 | JN |
| 57-10-3 | HEXADECANOIC ACID | 8.23 | 320.000 | JN |
| | UNKNOWN | 9.92 | 1300.000 | J |
| | UNKNOWN | 10.87 | 3100.000 | J |
| | UNKNOWN | 11.73 | 1100.000 | J |
| | UNKNOWN | 12.03 | 1000.000 | J |
| | UNKNOWN | 12.30 | 620.000 | J |
| | UNKNOWN | 12.55 | 2700.000 | J |
| | UNKNOWN | 12.62 | 700.000 | J |
| | UNKNOWN | 12.95 | 480.000 | J |
| | UNKNOWN | 12.98 | 530.000 | J |
| | UNKNOWN | 13.30 | 1600.000 | J |
| | UNKNOWN | 13.37 | 520.000 | J |
| | UNKNOWN | 13.65 | 470.000 | J |
| | UNKNOWN | 13.70 | 460.000 | J |
| 83-48-7 | STIGMASTEROL | 14.30 | 730.000 | JN |
| | UNKNOWN | 14.38 | 1300.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.60 | 4300.000 | JN |
| | UNKNOWN | 14.65 | 2900.000 | J |
| | UNKNOWN | 14.72 | 420.000 | J |
| 127-22-0 | TARAXEROL | 14.82 | 1100.000 | JN |
| | UNKNOWN | 14.90 | 1000.000 | J |
| | UNKNOWN | 14.95 | 300.000 | J |
| | UNKNOWN | 15.02 | 470.000 | J |
| | UNKNOWN | 15.32 | 310.000 | J |
| 1058-61-3 | STIGMAST-4-EN-3-ONE | 15.40 | 1400.000 | JN |
| | UNKNOWN | 15.92 | 1100.000 | J |
| | UNKNOWN | 16.10 | 510.000 | J |
| | UNKNOWN | 16.25 | 300.000 | J |
| | UNKNOWN | 16.42 | 320.000 | J |

Semivolatile Analysis Data - ECCM5DLRE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 8.20 | 630.000 | J |
| 57-10-3 | HEXADECANOIC ACID | 8.23 | 510.000 | JN |
| 203-64-5 | 4H-CYCLOPENTA[DEF]PHENANTHRE | 8.28 | 630.000 | JN |
| 35465-71-5 | 2-PHENYLNAPHTHALENE | 8.53 | 300.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.85 | 730.000 | JN |
| 2381-21-7 | PYRENE, 1-METHYL- | 9.95 | 680.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.57 | 250.000 | JN |
| 239-35-0 | BENZO[B]NAPHTHO[2,1-D]THIOPH | 10.70 | 360.000 | JN |
| 203-12-3 | BENZO[GHI]FLUORANTHENE | 10.77 | 530.000 | JN |
| | UNKNOWN | 10.87 | 700.000 | J |
| | UNKNOWN AROMATIC | 11.18 | 350.000 | J |
| 3351-32-4 | 2-METHYLCHRYSENE | 11.58 | 280.000 | JN |
| | UNKNOWN | 11.75 | 260.000 | J |
| | UNKNOWN | 12.02 | 270.000 | J |
| | UNKNOWN | 12.30 | 860.000 | J |
| | UNKNOWN | 12.53 | 1700.000 | J |
| 198-55-0 | PERYLENE | 12.75 | 1100.000 | JN |
| | UNKNOWN | 13.07 | 360.000 | J |
| | UNKNOWN | 13.30 | 340.000 | J |
| | UNKNOWN | 13.37 | 470.000 | J |
| | UNKNOWN AROMATIC | 14.28 | 500.000 | J |
| | UNKNOWN | 14.33 | 280.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.58 | 1600.000 | JN |
| | UNKNOWN AROMATIC | 14.68 | 750.000 | J |
| | UNKNOWN | 14.88 | 350.000 | J |
| | UNKNOWN | 15.03 | 320.000 | J |
| | UNKNOWN | 15.30 | 560.000 | J |
| | UNKNOWN | 15.40 | 610.000 | J |
| | UNKNOWN | 15.63 | 490.000 | J |
| 192-65-4 | NAPHTHO[1,2,3,4-DEF]CHRYSENE | 16.23 | 260.000 | JN |



Semivolatile Analysis Data - ECCM9RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 10.52 | 260.000 | J |
| | UNKNOWN | 11.60 | 100.000 | J |
| | UNKNOWN | 12.22 | 180.000 | J |
| | UNKNOWN | 12.32 | 120.000 | J |
| | UNKNOWN | 12.37 | 200.000 | J |
| | UNKNOWN | 12.52 | 190.000 | J |
| | UNKNOWN | 12.67 | 150.000 | J |
| | UNKNOWN | 14.15 | 170.000 | J |
| | UNKNOWN | 14.28 | 200.000 | J |
| | UNKNOWN | 14.58 | 160.000 | J |
| | UNKNOWN | 14.92 | 130.000 | J |
| | UNKNOWN | 15.07 | 180.000 | J |
| | UNKNOWN | 15.32 | 660.000 | J |

Semivolatile Analysis Data - ECCM4DLRE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 610-48-0 | ANTHRACENE, 1-METHYL- | 8.13 | 290.000 | JN |
| 2531-84-2 | PHENANTHRENE, 2-METHYL- | 8.17 | 390.000 | JN |
| | UNKNOWN | 8.20 | 1400.000 | J |
| 57-10-3 | HEXADECANOIC ACID | 8.23 | 640.000 | JN |
| | UNKNOWN | 8.28 | 720.000 | J |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.32 | 300.000 | JN |
| | UNKNOWN | 9.20 | 460.000 | J |
| | UNKNOWN | 9.22 | 380.000 | J |
| | UNKNOWN | 9.30 | 530.000 | J |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.70 | 450.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 9.87 | 1100.000 | JN |
| 205-12-9 | 7H-BENZO[C]FLUORENE | 9.95 | 850.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.00 | 480.000 | JN |
| | UNKNOWN | 10.03 | 310.000 | J |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.57 | 360.000 | JN |
| 205-43-6 | BENZO[B]NAPHTHO[1,2-D]THIOPH | 10.70 | 520.000 | JN |
| | UNKNOWN | 10.75 | 440.000 | J |
| | UNKNOWN | 10.77 | 290.000 | J |
| 3351-32-4 | 2-METHYLCHRYSENE | 11.58 | 460.000 | JN |
| | UNKNOWN | 12.30 | 920.000 | J |
| | UNKNOWN | 12.55 | 2500.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 12.75 | 1200.000 | JN |
| | UNKNOWN | 13.07 | 510.000 | J |
| | UNKNOWN | 13.10 | 290.000 | J |
| | UNKNOWN | 13.35 | 370.000 | J |
| 214-17-5 | BENZO[B]CHRYSENE | 14.28 | 350.000 | JN |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.58 | 1000.000 | JN |
| | UNKNOWN | 15.32 | 490.000 | J |
| | UNKNOWN | 15.40 | 390.000 | J |
| | UNKNOWN | 15.65 | 620.000 | J |

Semivolatile Analysis Data - ECCP1RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 5.55 | 170.000 | J |
| | UNKNOWN | 5.93 | 220.000 | J |
| 1556-99-6 | 9H-FLUORENE, 4-METHYL- | 7.12 | 220.000 | JN |
| 132-65-0 | DIBENZOTHIOPHENE | 7.43 | 200.000 | JN |
| | UNKNOWN | 7.92 | 190.000 | J |
| | UNKNOWN | 8.57 | 170.000 | J |
| | UNKNOWN | 8.92 | 280.000 | J |
| 1576-67-6 | PHENANTHRENE, 3,6-DIMETHYL- | 9.02 | 300.000 | JN |
| | UNKNOWN | 9.33 | 230.000 | J |
| | UNKNOWN | 9.98 | 380.000 | J |
| | UNKNOWN | 10.88 | 610.000 | J |
| | UNKNOWN | 11.10 | 600.000 | J |
| | UNKNOWN | 11.50 | 410.000 | J |
| | UNKNOWN | 11.98 | 440.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 12.97 | 490.000 | JN |
| | UNKNOWN | 13.17 | 360.000 | J |
| | UNKNOWN | 13.43 | 320.000 | J |
| | UNKNOWN | 13.73 | 210.000 | J |
| | UNKNOWN | 14.12 | 370.000 | J |
| | UNKNOWN | 15.07 | 200.000 | J |
| | UNKNOWN | 15.18 | 290.000 | J |
| | UNKNOWN | 15.48 | 310.000 | J |



Semivolatile Analysis Data - ECCM3RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 128-37-0 | BUTYLATED HYDROXYTOLUENE | 5.68 | 130.000 | JN |
| | UNKNOWN | 6.97 | 120.000 | J |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.15 | 160.000 | JN |
| | UNKNOWN | 8.18 | 150.000 | J |
| 57-10-3 | HEXADECANOIC ACID | 8.23 | 360.000 | JN |
| 3674-66-6 | PHENANTHRENE, 2,5-DIMETHYL- | 8.90 | 140.000 | JN |
| | UNKNOWN AROMATIC | 9.22 | 130.000 | J |
| 239-35-0 | BENZO[B]NAPHTHO[2,1-D]THIOPH | 10.70 | 110.000 | JN |
| | UNKNOWN | 12.30 | 290.000 | J |
| | UNKNOWN | 12.55 | 570.000 | J |
| 198-55-0 | PERYLENE | 12.73 | 260.000 | JN |
| | UNKNOWN | 13.07 | 280.000 | J |
| | UNKNOWN | 13.30 | 1300.000 | J |
| | UNKNOWN | 13.37 | 220.000 | J |
| | UNKNOWN | 13.72 | 150.000 | J |
| | UNKNOWN | 13.88 | 560.000 | J |
| | UNKNOWN | 14.22 | 160.000 | J |
| | UNKNOWN | 14.28 | 260.000 | J |
| 83-47-6 | .GAMMA.-SITOSTEROL | 14.58 | 1300.000 | JN |
| | UNKNOWN | 14.67 | 220.000 | J |
| | UNKNOWN | 14.77 | 170.000 | J |
| | UNKNOWN | 14.90 | 150.000 | J |
| | UNKNOWN | 15.03 | 120.000 | J |
| | UNKNOWN | 15.18 | 120.000 | J |
| | UNKNOWN | 15.23 | 250.000 | J |
| | UNKNOWN | 15.40 | 400.000 | J |
| | UNKNOWN | 15.65 | 410.000 | J |

Semivolatile Analysis Data - ECCM7RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 829-26-5 | NAPHTHALENE, 2,3,6-TRIMETHYL | 6.10 | 93.000 | JN |
| | UNKNOWN | 6.22 | 93.000 | J |
| 132-65-0 | DIBENZOTHIOPHENE | 7.43 | 110.000 | JN |
| 6628-98-4 | PYRENE, 4,5-DIHYDRO- | 8.00 | 120.000 | JN |
| 2531-84-2 | PHENANTHRENE, 2-METHYL- | 8.25 | 170.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.28 | 180.000 | JN |
| 612-94-2 | NAPHTHALENE, 2-PHENYL- | 8.65 | 110.000 | JN |
| 84-65-1 | 9,10-ANTHRACENEDIONE | 8.70 | 100.000 | JN |
| | UNKNOWN | 9.05 | 120.000 | J |
| 5737-13-3 | CYCLOPENTA(DEF)PHENANTHRENON | 9.13 | 150.000 | JN |
| | UNKNOWN | 9.42 | 280.000 | J |
| 243-42-5 | BENZO[B]NAPHTHO[2,3-D]FURAN | 9.60 | 150.000 | JN |
| 2381-21-7 | PYRENE, 1-METHYL- | 9.85 | 140.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 9.98 | 280.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.08 | 190.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.12 | 150.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 10.30 | 95.000 | JN |
| | UNKNOWN | 10.60 | 100.000 | J |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.72 | 120.000 | JN |
| 203-12-3 | BENZO[GHI]FLUORANTHENE | 10.90 | 120.000 | JN |
| | UNKNOWN | 12.27 | 390.000 | J |
| | UNKNOWN | 12.37 | 200.000 | J |
| | UNKNOWN | 12.53 | 380.000 | J |
| | UNKNOWN | 12.82 | 1000.000 | J |
| 205-82-3 | BENZO[J]FLUORANTHENE | 12.95 | 500.000 | JN |
| | UNKNOWN | 15.02 | 160.000 | J |



Semivolatile Analysis Data - ECCN0RE
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 3697-24-3 | CHRYSENE, 5-METHYL- | 11.78 | 130.000 | JN |
| | UNKNOWN | 12.48 | 86.000 | J |
| | UNKNOWN | 13.45 | 80.000 | J |

Semivolatile Analysis Data - ECRM3
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 832-69-9 | PHENANTHRENE, 1-METHYL- | 8.25 | 130.000 | JN |
| 2531-84-2 | PHENANTHRENE, 2-METHYL- | 8.28 | 210.000 | JN |
| 832-71-3 | PHENANTHRENE, 3-METHYL- | 8.33 | 120.000 | JN |
| 3674-66-6 | PHENANTHRENE, 2,5-DIMETHYL- | 9.02 | 120.000 | JN |
| | UNKNOWN | 9.32 | 110.000 | J |
| | UNKNOWN | 9.43 | 180.000 | J |
| 243-42-5 | BENZO[B]NAPHTHO[2,3-D]FURAN | 9.62 | 110.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 10.00 | 210.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.13 | 310.000 | JN |
| | UNKNOWN | 10.73 | 180.000 | J |
| 198-55-0 | PERYLENE | 12.95 | 420.000 | JN |
| | UNKNOWN | 13.67 | 130.000 | J |
| | UNKNOWN | 13.95 | 340.000 | J |
| | UNKNOWN | 14.67 | 150.000 | J |
| | UNKNOWN | 15.02 | 260.000 | J |
| | UNKNOWN | 15.95 | 110.000 | J |
| | UNKNOWN | 16.67 | 260.000 | J |
| | UNKNOWN | 16.68 | 160.000 | J |



Semivolatile Analysis Data - ECCM6DL
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| [illegible]48-0 | ANTHRACENE, 1-METHYL- | 8.28 | 550.000 | JN |
| [illegible]-84-6 | 11H-BENZO[A]FLUORENE | 9.98 | 760.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.13 | 520.000 | JN |
| 198-55-0 | PERYLENE | 12.95 | 1400.000 | JN |

Semivolatile Analysis Data - ECCP8
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 203-64-5 | 4H-CYCLOPENTA[DEF]PHENANTHRE | 8.40 | 220.000 | JN |
| | UNKNOWN | 9.60 | 190.000 | J |
| 3442-78-2 | PYRENE, 2-METHYL- | 9.98 | 220.000 | JN |
| | UNKNOWN | 12.37 | 250.000 | J |
| | UNKNOWN | 12.53 | 440.000 | J |
| | UNKNOWN | 13.43 | 260.000 | J |
| | UNKNOWN | 14.67 | 190.000 | J |
| | UNKNOWN | 14.70 | 300.000 | J |
| | UNKNOWN | 14.73 | 210.000 | J |
| | UNKNOWN | 15.03 | 480.000 | J |
| | UNKNOWN | 15.05 | 410.000 | J |



Semivolatile Analysis Data - ECCP9
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.25 | 140.000 | JN |
| 610-48-0 | ANTHRACENE, 1-METHYL- | 8.28 | 180.000 | JN |
| | UNKNOWN | 8.37 | 170.000 | J |
| 203-64-5 | 4H-CYCLOPENTA[DEF]PHENANTHRE | 8.40 | 410.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.42 | 360.000 | JN |
| 612-94-2 | NAPHTHALENE, 2-PHENYL- | 8.65 | 110.000 | JN |
| 3674-66-6 | PHENANTHRENE, 2,5-DIMETHYL- | 9.02 | 100.000 | JN |
| | UNKNOWN | 9.43 | 130.000 | J |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 9.83 | 98.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.98 | 190.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.12 | 310.000 | JN |
| | UNKNOWN | 10.72 | 220.000 | J |
| | UNKNOWN | 10.90 | 100.000 | J |
| | UNKNOWN | 12.53 | 180.000 | J |
| 198-55-0 | PERYLENE | 12.93 | 270.000 | JN |
| 630-02-4 | OCTACOSANE | 13.53 | 120.000 | JN |
| | UNKNOWN | 14.65 | 97.000 | J |
| | UNKNOWN | 14.67 | 110.000 | J |
| | UNKNOWN | 15.00 | 370.000 | J |
| | UNKNOWN | 15.92 | 550.000 | J |
| | UNKNOWN | 16.63 | 260.000 | J |



Semivolatile Analysis Data - ECRM2
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 2.58 | 120.000 | J |
| | UNKNOWN | 5.10 | 120.000 | J |
| 10425-90-8 | BENZENE, 1-ISOPENTYL-2,4,5-T | 5.48 | 110.000 | JN |
| | UNKNOWN | 6.17 | 98.000 | J |
| | UNKNOWN | 7.10 | 120.000 | J |
| | UNKNOWN | 7.87 | 150.000 | J |
| 35465-71-5 | 2-PHENYLNAPHTHALENE | 8.65 | 110.000 | JN |
| | UNKNOWN | 9.28 | 110.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 12.95 | 170.000 | JN |
| | UNKNOWN | 13.42 | 210.000 | J |
| | UNKNOWN | 16.35 | 270.000 | J |

Semivolatile Analysis Data - ECCP5
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS MBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 12.03 | 240.000 | J |
| | UNKNOWN | 12.53 | 290.000 | J |
| | UNKNOWN | 12.82 | 1200.000 | J |
| | UNKNOWN | 12.87 | 290.000 | J |
| | UNKNOWN | 13.70 | 260.000 | J |
| | UNKNOWN | 13.93 | 210.000 | J |
| | UNKNOWN | 14.30 | 410.000 | J |
| | UNKNOWN | 14.67 | 340.000 | J |
| | UNKNOWN | 14.73 | 430.000 | J |
| | UNKNOWN | 15.02 | 4100.000 | J |
| | UNKNOWN | 15.33 | 370.000 | J |
| | UNKNOWN | 15.90 | 570.000 | J |
| | UNKNOWN | 16.40 | 250.000 | J |



Semivolatile Analysis Data - ECCP6
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | ALDOL CONDENSATION | 2.28 | 150.000 | AJ |
| | UNKNOWN | 9.43 | 660.000 | J |
| | UNKNOWN | 12.30 | 250.000 | J |
| | UNKNOWN | 12.87 | 370.000 | J |
| | UNKNOWN | 13.18 | 130.000 | J |
| | UNKNOWN | 13.33 | 180.000 | J |
| | UNKNOWN | 13.98 | 130.000 | J |
| | UNKNOWN | 14.32 | 260.000 | J |
| | UNKNOWN | 14.55 | 120.000 | J |
| | UNKNOWN | 14.60 | 190.000 | J |
| | UNKNOWN | 15.07 | 940.000 | J |
| | UNKNOWN | 16.47 | 270.000 | J |



Semivolatile Analysis Data - ECCP7
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 2.58 | 150.000 | J |
| | UNKNOWN | 3.30 | 110.000 | J |
| | UNKNOWN | 4.07 | 120.000 | J |
| | UNKNOWN | 4.12 | 98.000 | J |
| | UNKNOWN | 4.20 | 110.000 | J |
| | UNKNOWN | 4.70 | 93.000 | J |
| 475-03-6 | NAPHTHALENE, 1,2,3,4-TETRAHY | 4.87 | 130.000 | JN |
| | UNKNOWN | 5.10 | 180.000 | J |
| 581-40-8 | NAPHTHALENE, 2,3-DIMETHYL- | 5.30 | 110.000 | JN |
| 575-43-9 | NAPHTHALENE, 1,6-DIMETHYL- | 5.32 | 90.000 | JN |
| 10425-90-8 | BENZENE, 1-ISOPENTYL-2,4,5-T | 5.48 | 130.000 | JN |
| | UNKNOWN | 6.17 | 110.000 | J |
| 529-05-5 | AZULENE, 7-ETHYL-1,4-DIMETHY | 7.10 | 120.000 | JN |
| | UNKNOWN | 7.25 | 150.000 | J |
| | UNKNOWN | 7.87 | 130.000 | J |
| 22-64-4 | PHENANTHRENE, 4-METHYL- | 8.28 | 94.000 | JN |
| 65-71-5 | 2-PHENYLNAPHTHALENE | 8.65 | 92.000 | JN |
| | UNKNOWN | 9.92 | 130.000 | J |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 9.98 | 150.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.72 | 130.000 | JN |
| | UNKNOWN | 12.37 | 220.000 | J |

Semivolatile Analysis Data - ECCP3
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 91-57-6 | NAPHTHALENE, 2-METHYL- | 4.72 | 1500.000 | JN |
| | UNKNOWN | 4.78 | 1200.000 | J |
| 582-16-1 | NAPHTHALENE, 2,7-DIMETHYL- | 5.28 | 3200.000 | JN |
| 575-41-7 | NAPHTHALENE, 1,3-DIMETHYL- | 5.38 | 4100.000 | JN |
| | UNKNOWN | 5.42 | 3100.000 | J |
| 581-40-8 | NAPHTHALENE, 2,3-DIMETHYL- | 5.52 | 1300.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 5.90 | 3100.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.05 | 3000.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.08 | 2200.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.20 | 1700.000 | JN |
| 2245-38-7 | NAPHTHALENE, 1,6,7-TRIMETHYL | 6.30 | 1800.000 | JN |
| 2489-86-3 | NAPHTHALENE, 1-(2-PROPENYL)- | 6.53 | 1600.000 | JN |
| | UNKNOWN | 7.20 | 2100.000 | J |
| | UNKNOWN | 7.37 | 3300.000 | J |
| 132-65-0 | DIBENZOTHIOPHENE | 7.53 | 2600.000 | JN |
| 4612-63-9 | 9H-FLUORENE, 2,3-DIMETHYL- | 7.85 | 1300.000 | JN |
| 4612-63-9 | 9H-FLUORENE, 2,3-DIMETHYL- | 7.88 | 1500.000 | JN |
| | UNKNOWN | 8.02 | 1300.000 | J |
| 30995-64-3 | METHYLDIBENZOTHIOPHENE | 8.12 | 2300.000 | JN |
| 7372-88-5 | DIBENZOTHIOPHENE, 4-METHYL- | 8.23 | 1200.000 | JN |
| 2531-84-2 | PHENANTHRENE, 2-METHYL- | 8.35 | 2000.000 | JN |
| 610-48-0 | ANTHRACENE, 1-METHYL- | 8.38 | 1900.000 | JN |
| 832-64-4 | PHENANTHRENE, 4-METHYL- | 8.50 | 1700.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.53 | 1700.000 | JN |
| 52251-71-5 | ANTHRACENE, 2-ETHYL- | 8.95 | 1500.000 | JN |
| 1576-69-8 | PHENANTHRENE, 2,7-DIMETHYL- | 9.02 | 2300.000 | JN |
| 3674-66-6 | PHENANTHRENE, 2,5-DIMETHYL- | 9.12 | 2400.000 | JN |
| 3674-73-5 | PHENANTHRENE, 2,3,5-TRIMETHY | 9.72 | 1200.000 | JN |
| 3674-73-5 | PHENANTHRENE, 2,3,5-TRIMETHY | 9.77 | 1800.000 | JN |



Semivolatile Analysis Data - ECCP4
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 8.72 | 250.000 | J |
| | UNKNOWN | 10.20 | 1400.000 | J |
| | UNKNOWN | 10.87 | 410.000 | J |
| | UNKNOWN | 11.80 | 210.000 | J |
| | UNKNOWN | 12.17 | 200.000 | J |
| | UNKNOWN | 12.60 | 360.000 | J |
| | UNKNOWN | 12.67 | 670.000 | J |
| | UNKNOWN | 13.87 | 220.000 | J |
| | UNKNOWN | 14.50 | 300.000 | J |
| | UNKNOWN | 15.30 | 1400.000 | J |
| | UNKNOWN | 15.35 | 530.000 | J |

Semivolatile Analysis Data - ECCP1
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS 'MBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 7.20 | 230.000 | J |
| 132-65-0 | DIBENZOTHIOPHENE | 7.50 | 200.000 | JN |
| 610-48-0 | ANTHRACENE, 1-METHYL- | 8.33 | 190.000 | JN |
| 1576-69-8 | PHENANTHRENE, 2,7-DIMETHYL- | 9.00 | 310.000 | JN |
| 781-43-1 | 9,10-DIMETHYLANTHRACENE | 9.10 | 320.000 | JN |
| | UNKNOWN | 9.40 | 230.000 | J |
| | UNKNOWN | 10.07 | 240.000 | J |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.23 | 180.000 | JN |
| | UNKNOWN | 10.83 | 200.000 | J |
| | UNKNOWN | 10.98 | 770.000 | J |
| | UNKNOWN | 11.20 | 700.000 | J |
| | UNKNOWN | 11.57 | 190.000 | J |
| | UNKNOWN | 11.60 | 330.000 | J |
| | UNKNOWN | 12.08 | 340.000 | J |
| | UNKNOWN | 12.50 | 300.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 13.08 | 290.000 | JN |
| | UNKNOWN | 13.57 | 400.000 | J |
| | UNKNOWN | 14.30 | 300.000 | J |
| | UNKNOWN | 15.30 | 330.000 | J |



Semivolatile Analysis Data - ECCP2
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 6.45 | 220.000 | J |
| | UNKNOWN | 6.98 | 290.000 | J |
| | UNKNOWN | 7.05 | 430.000 | J |
| | UNKNOWN | 7.12 | 350.000 | J |
| | UNKNOWN | 7.20 | 260.000 | J |
| | UNKNOWN | 7.30 | 210.000 | J |
| | UNKNOWN | 7.37 | 310.000 | J |
| | UNKNOWN | 8.48 | 200.000 | J |
| | UNKNOWN | 8.55 | 210.000 | J |

Semivolatile Analysis Data - ECCN1
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 611-14-3 | BENZENE, 1-ETHYL-2-METHYL- | 2.65 | 270.000 | JN |
| 622-96-8 | BENZENE, 1-ETHYL-4-METHYL- | 3.05 | 87.000 | JN |
| 1074-43-7 | BENZENE, 1-METHYL-3-PROPYL- | 3.18 | 100.000 | JN |
| 585-74-0 | ETHANONE, 1-(3-METHYLPHENYL) | 3.22 | 110.000 | JN |
| 874-41-9 | BENZENE, 1-ETHYL-2,4-DIMETHY | 3.35 | 110.000 | JN |
| 90-12-0 | NAPHTHALENE, 1-METHYL- | 4.72 | 160.000 | JN |
| 92-52-4 | BIPHENYL | 5.10 | 96.000 | JN |
| 1127-76-0 | NAPHTHALENE, 1-ETHYL- | 5.20 | 240.000 | JN |
| 575-37-1 | NAPHTHALENE, 1,7-DIMETHYL- | 5.28 | 410.000 | JN |
| 581-40-8 | NAPHTHALENE, 2,3-DIMETHYL- | 5.37 | 240.000 | JN |
| 581-42-0 | NAPHTHALENE, 2,6-DIMETHYL- | 5.40 | 180.000 | JN |
| 575-43-9 | NAPHTHALENE, 1,6-DIMETHYL- | 5.50 | 100.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 5.88 | 100.000 | JN |
| 2245-38-7 | NAPHTHALENE, 1,6,7-TRIMETHYL | 6.18 | 95.000 | JN |
| 132-65-0 | DIBENZOTHIOPHENE | 7.50 | 170.000 | JN |
| 261-31-4 | THIOXANTHENE | 8.20 | 78.000 | JN |
| 832-64-4 | PHENANTHRENE, 4-METHYL- | 8.32 | 230.000 | JN |
| 779-02-2 | ANTHRACENE, 9-METHYL- | 8.37 | 310.000 | JN |
| 35465-71-5 | 2-PHENYLNAPHTHALENE | 8.73 | 100.000 | JN |
| 84-65-1 | 9,10-ANTHRACENEDIONE | 8.78 | 78.000 | JN |
| 1576-67-6 | PHENANTHRENE, 3,6-DIMETHYL- | 9.00 | 74.000 | JN |
| 3674-66-6 | PHENANTHRENE, 2,5-DIMETHYL- | 9.10 | 99.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.22 | 170.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.82 | 100.000 | JN |
| 239-35-0 | BENZO[B]NAPHTHO[2,1-D]THIOPH | 10.95 | 130.000 | JN |
| | UNKNOWN | 11.78 | 130.000 | J |
| 2541-69-7 | BENZ[A]ANTHRACENE, 7-METHYL- | 11.88 | 260.000 | JN |
| 198-55-0 | PERYLENE | 13.07 | 180.000 | JN |
| | UNKNOWN | 13.58 | 130.000 | J |
| | UNKNOWN | 13.85 | 190.000 | J |



Semivolatile Analysis Data - ECCN2
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 10.83 | 170.000 | J |
| | UNKNOWN | 12.50 | 430.000 | J |

Semivolatile Analysis Data - ECCM7
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 132-65-0 | DIBENZOTHIOPHENE | 7.50 | 130.000 | JN |
| 6628-98-4 | PYRENE, 4,5-DIHYDRO- | 8.08 | 140.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.33 | 150.000 | JN |
| 2531-84-2 | PHENANTHRENE, 2-METHYL- | 8.37 | 200.000 | JN |
| | UNKNOWN | 8.45 | 290.000 | J |
| 612-94-2 | NAPHTHALENE, 2-PHENYL- | 8.73 | 120.000 | JN |
| 84-65-1 | 9,10-ANTHRACENEDIONE | 8.78 | 100.000 | JN |
| 5737-13-3 | CYCLOPENTA(DEF)PHENANTHRENON | 9.22 | 100.000 | JN |
| | UNKNOWN | 9.52 | 190.000 | J |
| 243-42-5 | BENZO[B]NAPHTHO[2,3-D]FURAN | 9.70 | 120.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 9.92 | 140.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.08 | 270.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.17 | 150.000 | JN |
| 3353-12-6 | PYRENE, 4-METHYL- | 10.22 | 190.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.82 | 140.000 | JN |
| | UNKNOWN AROMATIC | 11.00 | 120.000 | J |
| | UNKNOWN | 12.40 | 160.000 | J |
| | UNKNOWN | 12.67 | 220.000 | J |
| 198-55-0 | PERYLENE | 12.85 | 120.000 | JN |
| | UNKNOWN | 12.97 | 600.000 | J |
| 192-97-2 | BENZO[E]PYRENE | 13.05 | 510.000 | JN |
| | UNKNOWN | 13.77 | 160.000 | J |
| | UNKNOWN | 15.27 | 110.000 | J |



Semivolatile Analysis Data - ECCM9
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 10.28 | 110.000 | J |
| | UNKNOWN | 12.88 | 140.000 | J |
| | UNKNOWN | 16.07 | 160.000 | J |
| | UNKNOWN | 16.08 | 170.000 | J |



Semivolatile Analysis Data - ECCN0
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | UNKNOWN | 2.35 | 130.000 | J |
| | UNKNOWN | 10.05 | 120.000 | J |
| | UNKNOWN | 11.18 | 88.000 | J |
| | UNKNOWN | 12.05 | 89.000 | J |
| | UNKNOWN | 12.97 | 120.000 | J |
| | UNKNOWN | 13.80 | 120.000 | J |

Semivolatile Analysis Data - ECCM5
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| 80-56-8 | .ALPHA.-PINENE | 2.43 | 500.000 | JN |
| 2531-84-2 | PHENANTHRENE, 2-METHYL- | 8.33 | 220.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.37 | 300.000 | JN |
| | UNKNOWN | 8.45 | 260.000 | J |
| 203-64-5 | 4H-CYCLOPENTA[DEF]PHENANTHRE | 8.48 | 950.000 | JN |
| 35465-71-5 | 2-PHENYLNAPHTHALENE | 8.73 | 250.000 | JN |
| 84-65-1 | 9,10-ANTHRACENEDIONE | 8.78 | 160.000 | JN |
| 3674-66-6 | PHENANTHRENE, 2,5-DIMETHYL- | 9.10 | 110.000 | JN |
| | UNKNOWN | 9.22 | 100.000 | J |
| | UNKNOWN | 9.40 | 140.000 | J |
| | UNKNOWN | 9.50 | 150.000 | J |
| | UNKNOWN | 9.70 | 140.000 | J |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 9.93 | 140.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 10.08 | 380.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.18 | 190.000 | JN |
| 2381-21-7 | PYRENE, 1-METHYL- | 10.22 | 200.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.82 | 120.000 | JN |
| 243-46-9 | BENZO[B]NAPHTHO[2,3-D]THIOPH | 10.95 | 120.000 | JN |
| 203-12-3 | BENZO[GHI]FLUORANTHENE | 11.00 | 140.000 | JN |
| | UNKNOWN | 12.07 | 220.000 | J |
| 205-82-3 | BENZO[J]FLUORANTHENE | 12.85 | 240.000 | JN |
| | UNKNOWN | 12.98 | 940.000 | J |
| 198-55-0 | PERYLENE | 13.05 | 1000.000 | JN |



Semivolatile Analysis Data - ECCM6
Tentatively Identified Compounds

CASE NO: 26961 LABORATORY: AATSLA
SDG NO: ECCM3

| CAS NUMBER | COMPOUND NAME | RT | ESTIMATED CONCENTRATION | Q |
|---|---|---|---|---|
| | ALDOL CONDENSATION | 2.32 | 240.000 | AJ |
| 527-84-4 | BENZENE, 1-METHYL-2-(1-METHY | 3.05 | 110.000 | JN |
| 90-12-0 | NAPHTHALENE, 1-METHYL- | 4.72 | 110.000 | JN |
| 581-40-8 | NAPHTHALENE, 2,3-DIMETHYL- | 5.37 | 150.000 | JN |
| 571-58-4 | NAPHTHALENE, 1,4-DIMETHYL- | 5.50 | 98.000 | JN |
| 2131-42-2 | NAPHTHALENE, 1,4,6-TRIMETHYL | 6.17 | 100.000 | JN |
| 7320-53-8 | DIBENZOFURAN, 4-METHYL- | 6.65 | 110.000 | JN |
| 2531-84-2 | PHENANTHRENE, 2-METHYL- | 8.32 | 92.000 | JN |
| 613-12-7 | ANTHRACENE, 2-METHYL- | 8.37 | 110.000 | JN |
| | UNKNOWN AROMATIC | 9.52 | 140.000 | J |
| 243-42-5 | BENZO[B]NAPHTHO[2,3-D]FURAN | 9.70 | 140.000 | JN |
| 2381-21-7 | PYRENE, 1-METHYL- | 9.93 | 190.000 | JN |
| 238-84-6 | 11H-BENZO[A]FLUORENE | 10.08 | 460.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.18 | 190.000 | JN |
| 3442-78-2 | PYRENE, 2-METHYL- | 10.22 | 230.000 | JN |
| 243-17-4 | 11H-BENZO[B]FLUORENE | 10.40 | 170.000 | JN |
| | UNKNOWN | 10.70 | 130.000 | J |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 10.82 | 230.000 | JN |
| 239-35-0 | BENZO[B]NAPHTHO[2,1-D]THIOPH | 10.95 | 130.000 | JN |
| 25732-74-5 | 3,4-DIHYDROCYCLOPENTA(CD)PYR | 11.00 | 260.000 | JN |
| 82-05-3 | 7H-BENZ[DE]ANTHRACEN-7-ONE | 11.10 | 110.000 | JN |
| | UNKNOWN | 11.60 | 140.000 | J |
| 3351-30-2 | CHRYSENE, 4-METHYL- | 11.87 | 140.000 | JN |
| 2381-31-9 | BENZ[A]ANTHRACENE, 8-METHYL- | 11.92 | 100.000 | JN |
| | UNKNOWN | 12.00 | 91.000 | J |
| | UNKNOWN | 12.67 | 300.000 | J |
| 205-82-3 | BENZO[J]FLUORANTHENE | 12.87 | 420.000 | JN |
| 192-97-2 | BENZO[E]PYRENE | 13.07 | 1400.000 | JN |
| | UNKNOWN | 15.28 | 1500.000 | J |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 CENTRAL REGIONAL LABORATORY

536 SOUTH CLARK STREET

CHICAGO, ILLINOIS 60605

Date: AUG 17 1999

RECEIVED
AUG 20 1999
IEPA-BOL-FSRS

Subject: Review of Region 5 Data for **Interlake Properties**

From: Charles T. Elly, Director Chuck Elly
Region 5 Central Regional Laboratory

To:

Attached are the results for: **Interlake Properties**
CRL request number: **990055**
Analyzed for: **VOA (Organics)**
Results are reported for sample designations: X-101, X-103, X-107 to X-115, X-201 to X-215 (99IE05S01 to -S22, -S25, -S26, -S28 and 99IE05D01) - 26 soil samples

Results Status:
( X) Acceptable for Use
( X) Data Qualified but acceptable for used for compounds listed below that failed QC criteria
( ) Data Unacceptable for Use

(X ) Sewer Disposal Criteria Met; Exceptions: none

Comments on Data Quality by Reviewer:

1. The Initial calibration did not meet the QC limits of 30% RSD for bromomethane, chloromethane and methylene chloride. All sample results for these three compounds were flagged with UJ or J as estimated.
2. Four continuing calibrations did not meet the QC limits of 30%D for several compounds. Associated sample results for these compounds were flagged with UJ or J as estimated.
3. Samples X-103, X-213 & X-215 failed area criteria for the 2nd and the 3rd internal standards. Samples X-101,X-110 to X-115, X-201, X-202, X-204 to X-208, & X-210 failed area criteria for the 3rd internal standard. Associated sample results that failed the internal standard criteria were flagged with UJ or J as estimated.

4. Samples X-110 to X-115, X-211, X-213 and X-214 were preserved outside the 48 hours limit specified in Method 5035. Positive results for these nine samples might be biased low. Please read case narrative for detailed explanation. CMT 8/13/99

Comments by Laboratory Director or Quality Control Coordinator

Nidia Fuentes 07/16/99

Peer and Task Monitor Date ( X ) Reviewed ( ) Unreviewed

8/13/99

Organic Team Leader Date (✓) Reviewed ( ) Unreviewed

8/13/99

QC Coordinator and Date (X) Reviewed ( ) Unreviewed

Sylvia Griffin

Data Management Coordinator and Date Received

Date Transmitted AUG 17 1999

Please sign and date this form below and return it with any comments to:

Sylvia Griffin
Data Management Coordinator
Region 5 Central Regional Laboratory
SL - 10C

Received by and Date

Comments:

# CASE NARRATIVE

DATE: May 27, 1999

PROJECT NAME: Samples from the Interlake Properties Site: Analysis of Volatile Organic Analytes (VOA) Using SW-846 Method 5035 and CRL Method 624VOC

ANALYST: Anthony Gugliotta, Lockheed/ESAT

REVIEWERS: Ziyad Rajabi, Lockheed/ESAT Task Leader
Dennis Miller, ESAT Team Manager
Nidia Fuentes, EPA CRL Task Monitor

Work Assignment Number: 05-98-3-02 TDF: 5102-131

## I. CASE DESCRIPTION:

The laboratory received 26 soil samples (X-101, X-103, X-107 to X-115 and X-201 to X-215) from the Interlake Properties site (CRL Case 990055). The samples were received at the laboratory in good condition on 4/30/99 and preserved according Method 5035 on 4/30/99. Samples X-110 (99IE05S03), X-111 (99IE05S01), X-112 (99IE05S04), X-113 (99IE05S05), X-114 (99IE05S06), X-115 (99IE05S07), X-211 (99IE05S08), X-213 (99IE05S09) and X-214 (99IE05S10) were preserved outside the 48-hour limit specified in Method 5035. All samples were analyzed by a modified version of CRL Method 624VOC (revised 12/15/95) using GC/MS#5 on 5/5/99, 5/6/99, 5/9/99 and 5/10/99. All site samples were analyzed within the sample holding time requirements. The holding time QC criterion for soil samples is 14 days from the time of collection. No other problems were observed.

## II. INSTRUMENT QUALITY CONTROLS:

1. Instrument Performance Checks (IPC): On each day of analysis, a GC/MS IPC using *p*-BFB was made on GC/MS#5 to determine if acceptable EPA tuning criteria were met. The QC criteria are the same as those found in the Statement of Work under the EPA's Contract Laboratory Program. All criteria were met, no problems were observed.

2. Initial Calibrations (IC): An acceptable five-point IC is required for all target compounds before samples can be analyzed. The QC criterion for the IC states that each analyte's %RSD must be ≤30%. One initial calibration was required for this case. The five calibration levels for this

method are at 5, 25, 100, 150 and 200 ng.

The initial calibration was generated on GC/MS#5 on 5/5/99. All QC criteria were acceptable for all target compounds in the initial calibration except chloromethane (40.7 %RSD), bromomethane (35.7 %RSD) and methylene chloride (46.4 %RSD). Chloromethane, bromomethane and methylene chloride were flagged as estimated (J or UJ) for all samples and blanks associated with this IC. No other problems were observed.

3. <u>Continuing Calibrations (CC):</u> Four continuing calibrations were used for this case.

The first continuing calibration was the mid-level standard of the initial calibration. In the continuing calibration of 5/5/99 (050599IC100 on GC/MS#5), all QC criteria were acceptable for all target compounds except chloromethane (32.4 %D) and bromomethane (50.4 %D). Chloromethane and bromomethane were flagged as estimated (J or UJ) for all samples and blanks associated with this CC. No other problems were observed.

In the continuing calibration of 5/6/99 (050699IC100 on GC/MS#5), all QC criteria were acceptable for all target compounds except bromomethane (94.1 %D) and chloroethane (36.6 %D). Bromomethane and chloroethane were flagged as estimated (J or UJ) for all samples and blanks associated with this CC. No other problems were observed.

In the continuing calibration of 5/9/99 (050999IC100 on GC/MS#5), all QC criteria were acceptable for all target compounds except bromomethane (60.6 %D). Bromomethane was flagged as estimated (J or UJ) for all samples and blanks associated with this CC. No other problems were observed.

In the continuing calibration of 5/10/99 (051099IC100 on GC/MS#5), all QC criteria were acceptable for all target compounds except chloromethane (47.6 %D), vinyl chloride (31.7 %D), bromomethane (68.7 %D) and methylene chloride (88.5 %D). Chloromethane, vinyl chloride, bromomethane and methylene chloride were flagged as estimated (J or UJ) for all samples and blanks associated with this CC. No other problems were observed.

4. <u>Internal Standard (IS) Area and Retention Time (RT) Summary:</u> The QC criterion states that the areas of ISs must be within a factor of two of the IS area of the corresponding CC. The RT of the IS for samples must also be within 30

seconds of the RT of the IS for the corresponding CC.

IS2 and IS3 had low areas in samples X-103, X-213 and X-215. IS3 had low areas in many of the other samples. All compounds quantitated based on an internal standard with an unacceptable area were qualified as estimated (J or UJ).

All other internal standard areas and all retention times met the QC requirements. No problems were observed.

## III. METHOD QUALITY CONTROL:

1. Method Blank Results: A Lab Blank [5 g of reagent sand and 5 mL of $NaHSO_4$ solution (1 g/5 mL) spiked with internal standards and surrogates] was analyzed on each day to check the GC/MS, purge and trap systems and reagents for laboratory contamination (see Form I VOA). All QC data for the Lab Blanks were acceptable.

In the Lab Blank of 5/5/99, no target compounds were detected, but two TICs were reported. The concentration of any of these TICs in any of the associated samples has been flagged as "B" found in blank). See Forms I and IV.

In the Lab Blank of 5/6/99, no target compounds were detected, but one TIC was reported. The concentration of this TIC in any of the associated samples has been flagged as "B" found in blank). See Forms I and IV.

In the Lab Blank of 5/9/99, no target compounds were detected, but two TICs were reported. The concentration of any of these TICs in any of the associated samples has been flagged as "B" found in blank). See Forms I and IV.

In the Lab Blank of 5/10/99, no target compounds were detected, but three TICs were reported. The concentration of any of these TICs in any of the associated samples has been flagged as "B" found in blank). See Forms I and IV.

2. Surrogate Spike Compound Results: The surrogate spike compound recovery data were within the QC limits for all soil samples. See Form II VOA-1.

3. Laboratory Control Sample (LCS): In samples Laboratory Control Sample (Lab Spike), all recoveries were within the QC limits. See Form III VOA-2.

## IV. SAMPLE RESULTS:

All samples were preserved with sodium bisulfate as soon as possible after their delivery to the Laboratory; however, samples X-110 (99IE05S03), X-111 (99IE05S01), X-112 (99IE05S04), X-113 (99IE05S05), X-114 (99IE05S06), X-115 (99IE05S07), X-211 (99IE05S08), X-213 (99IE05S09) and X-214 (99IE05S10) were preserved after the 48-hour holding time.

No dilutions were required. Several reanalyses were required and performed due to unacceptable internal standard areas. The sample with the fewest internal standard outliers was reported. If upon reanalysis, there was no significant improvements to the data quality, the original analysis was submitted.

The original analysis of sample X-213 (99IE05S09) was performed outside the 12-hour limit from the injection of the IPC. In the reanalysis of this sample, low areas IS2 and IS3 were observed. The original analysis was rejected and the reanalysis results for this sample were reported.

In the original analysis of sample X-114 (99IE05S06), a low area for IS3 was observed. Due to an instrument problem, the reanalysis data for this sample were not acquired. Thus, the original analysis was reported with all compound quantitated based on IS3 flagged as estimated.

The laboratory met the qualitative and quantitative analysis requirements for TCLs and TICs.

ENVIRONMENTAL PROTECTION AGENCY
FOR THE TEAM: TOXIC SUBSTANCES

DIVISION/BRANCH SUPERFUND SAMPLE DATE 4/28-29/99 LAB ARRIVAL DATE 4/30/99 DUE DATE 6/4/99

DU NUMBER TFA DATA SET NUMBER 996055 STUDY INTERLAKE PROPERTIES PRIORITY N CONTRACTOR IEPA

| CRL LOG NUMBER | SAMPLE DESCRIPTION | WATER VOLATILE ORGANICS SCAN UG/L TOX 17684 | WATER ABN ORGANICS SCAN UG/L TOX 17674 | SEDIMENTS SOLIDS VOLATILE ORGANICS SCAN MG/KG (DRY) TOX 216022 | SEDIMENTS SOLIDS ABN ORGANICS SCAN MG/KG (DRY) TOX 215722 |
|---|---|---|---|---|---|
| 99IEU5S01 | X111 5-135620-21-22 | | | X | |
| 99IEU5S02 | X109 5-135630-31-32 | | | X | |
| 99IEU5S03 | X110 5-135633-34-35 | | | X | |
| 99IEU5S04 | X112 5-135636-37-38 | | | X | |
| 99IEU5S05 | X113 5-135640-41-42 | | | X | |
| 99IEU5S06 | X114 5-135644-45-46 | | | X | |
| 99IEU5S07 | X115 5-135651-52-53 | | | X | |
| 99IEU5S08 | X211 5-135654-55-56 | | | X | |
| 99IEU5S09 | X213 5-135657-58-59 | | | X | |
| 99IEU5S10 | X214 5-135660-61-62 | | | X | |
| 99IEU5S11 | X107 5-135664-65-66 | | | X | |
| 99IEU5S12 | X108 5-135668-69-70 | | | X | |
| 99IEU5S13 | X202 5-135672-73-74 | | | X | |
| 99IEU5S14 | X203 5-135676-77-78 | | | X | |
| 99IEU5S15 | X204 5-135680-81-82 | | | X | |
| 99IEU5S16 | X205 5-135684-85-86 | | | X | |
| 99IEU5S17 | X206 5-135688-89-90 | | | X | |
| 99IEU5S18 | X207 5-135692-93-94 | | | X | |

[illegible] 5/27/99

ENVIRONMENTAL PROTECTION AGENCY
FOR THE TEAM: TOXIC SUBSTANCES

DIVISION/BRANCH SUPERFUND SAMPLE DATE 4/28-29/99 LAB ARRIVAL DATE 4/30/99 DUE DATE 6/4/99

DU NUMBER TFA DATA SET NUMBER 99C055 STUDY INTERLAKE PROPERTIES PRIORITY N CONTRACTOR IEPA

| CRL LOG NUMBER | SAMPLE DESCRIPTION | WATER VOLATILE ORGANICS SCAN UG/L TOX 17664 | WATER ABN ORGANICS SCAN UG/L TOX 17674 | SEDIMENTS SOLIDS VOLATILE ORGANICS SCAN MG/KG (DRY) TOX 216622 | SEDIMENTS SOLIDS ABN ORGANICS SCAN MG/KG (DRY) TOX 215722 |
|---|---|---|---|---|---|
| 99IE05S19 | X208 5-135696-97-98 | | | X | |
| 99IE05S20 | X209 5-135700-01-02 | | | X | |
| 99IE05S21 | X212 5-135704-05-06 | | | X | |
| 99IE05S22 | X215 5-135708-09-10 | | | X | |
| 99IE05S25 | X201 5-135721-22-23 | | | X | |
| 99IE05S26 | X101 5-135724-25-26 | | | X | |
| 99IE05D01 | X103 (DUPLICATE) 5-135732-33-34 | | | X | |
| 99IE05S28 | X210 5-135625-26-27 | | | | |

Anthony

Guglietta 5/27/99

2B

SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Level: (low/med) LOW

| | EPA SAMPLE NO. | SMC1 (BEN) # | SMC2 (TOL) # | SMC3 (BFB) # | TOT OUT |
|---|---|---|---|---|---|
| 01 | LAB SPIKE | 96 | 96 | 100 | 0 |
| 02 | LAB BLANK | 99 | 98 | 97 | 0 |
| 03 | X-101 | 98 | 89 | 73 | 0 |
| 04 | LAB BLANK | 97 | 96 | 98 | 0 |
| 05 | X-103 | 105 | 78 | 69 * | 1 |
| 06 | X-107 | 100 | 97 | 90 | 0 |
| 07 | X-108 | 98 | 95 | 98 | 0 |
| 08 | X-109 | 98 | 96 | 96 | 0 |
| 09 | X-110 | 104 | 79 | 71 | 0 |
| 10 | X-111 | 104 | 86 | 71 | 0 |
| 11 | X-112 | 105 | 86 | 76 | 0 |
| 12 | X-113 | 103 | 90 | 75 | 0 |
| 13 | X-114 | 103 | 88 | 73 | 0 |
| 14 | X-209 | 100 | 93 | 89 | 0 |
| 15 | X-210 | 103 | 84 | 74 | 0 |
| 16 | LAB BLANK | 98 | 97 | 93 | 0 |
| 17 | X-201 | 99 | 94 | 84 | 0 |
| 18 | X-202 | 98 | 91 | 79 | 0 |
| 19 | X-203 | 98 | 100 | 89 | 0 |
| 20 | X-205 | 97 | 90 | 68 * | 1 |
| 21 | X-207 | 100 | 84 | 75 | 0 |
| 22 | X-208 | 97 | 90 | 83 | 0 |
| 23 | X-212 | 94 | 94 | 96 | 0 |
| 24 | X-214 | 97 | 92 | 82 | 0 |
| 25 | X-215 | 101 | 81 | 79 | 0 |
| 26 | LAB BLANK | 95 | 95 | 100 | 0 |
| 27 | X-115 | 98 | 90 | 76 | 0 |
| 28 | X-206 | 94 | 95 | 73 | 0 |
| 29 | X-211 | 96 | 96 | 93 | 0 |
| 30 | X-213 | 102 | 86 | 78 | 0 |
| 31 | X-204 | 99 | 91 | 73 | 0 |

| | | | | QC LIMITS |
|---|---|---|---|---|
| SMC1 | (BEN) | = | BENZENE-D6 | (70-130) |
| SMC2 | (TOL) | = | TOLUENE-D8 | (70-130) |
| SMC3 | (BFB) | = | p-BROMOFLUOROBENZENE | (70-130) |

# Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Lab File ID: 05059911.D Lab Sample ID: LAB BLANK

Date Analyzed: 05/05/99 Time Analyzed: 15:41

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: GC/MS#5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | TIME ANALYZED |
|---|---|---|---|---|
| 01 | LAB SPIKE | 050599ICHK | 05059908.D | 13:50 |
| 02 | X-101 | 99IE05S26 | 05059912.D | 16:17 |

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Lab File ID: 05069905.D Lab Sample ID: LAB BLANK

Date Analyzed: 05/06/99 Time Analyzed: 10:45

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: GC/MS#5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | TIME ANALYZED |
|---|---|---|---|---|
| 01 | X-103 | 99IE05D01 | 05069906.D | 12:03 |
| 02 | X-107 | 99IE05S11 | 05069907.D | 12:39 |
| 03 | X-108 | 99IE05S12 | 05069908.D | 13:16 |
| 04 | X-109 | 99IE05S02 | 05069909.D | 13:52 |
| 05 | X-110 | 99IE05S03 | 05069910.D | 14:29 |
| 06 | X-111 | 99IE05S01 | 05069911.D | 15:06 |
| 07 | X-112 | 99IE05S04 | 05069912.D | 15:43 |
| 08 | X-113 | 99IE05S05 | 05069913.D | 16:19 |
| 09 | X-114 | 99IE05S06 | 05069914.D | 16:57 |
| 10 | X-209 | 99IE05S20 | 05069917.D | 18:46 |
| 11 | X-210 | 99IE05S28 | 05069918.D | 19:22 |

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Lab File ID: 05099905.D Lab Sample ID: LAB BLANK

Date Analyzed: 05/09/99 Time Analyzed: 14:10

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: GC/MS#5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | TIME ANALYZED |
|---|---|---|---|---|
| 01 | X-201 | 99IE05S25 | 05099906.D | 14:45 |
| 02 | X-202 | 99IE05S13 | 05099907.D | 15:22 |
| 03 | X-203 | 99IE05S14 | 05099908.D | 15:58 |
| 04 | X-205 | 99IE05S16 | 05099910.D | 17:12 |
| 05 | X-207 | 99IE05S18 | 05099911.D | 17:49 |
| 06 | X-208 | 99IE05S19 | 05099912.D | 18:25 |
| 07 | X-212 | 99IE05S21 | 05099913.D | 19:01 |
| 08 | X-214 | 99IE05S10 | 05099914.D | 19:39 |
| 09 | X-215 | 99IE05S22 | 05099915.D | 20:17 |

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Lab File ID: 05109904.D Lab Sample ID: LAB BLANK

Date Analyzed: 05/10/99 Time Analyzed: 10:36

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: GC/MS#5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| | EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | TIME ANALYZED |
|---|---|---|---|---|
| 01 | X-115 | 99IE05S07 | 05109909.D | 14:09 |
| 02 | X-206 | 99IE05S17 | 05109910.D | 14:46 |
| 03 | X-211 | 99IE05S08 | 05109912.D | 16:02 |
| 04 | X-213 | 99IE05S09 | 05109913.D | 16:38 |
| 05 | X-204 | 99IE05S15 | 05109915.D | 17:52 |

COMMENTS:

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05059911.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 0 Date Analyzed: 05/05/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U J |
| 75-01-4 | Vinyl chloride | 10 | U |
| 74-83-9 | Bromomethane | 15 | U J |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 25 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-09-2 | Methylene chloride | 5 | U J |
| 75-15-0 | Carbon disulfide | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 25 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 594-20-7 | 2,2-Dichloropropane | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon tetrachloride | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| 108383/106423 | m- &/or p-Xylene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |

ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05059911.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 0 Date Analyzed: 05/05/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/KG | | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 99-87-6 | p-Isopropyltoluene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05059911.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 0 Date Analyzed: 05/05/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 001066-40-6 | Silanol, trimethyl- | 7.39 | 3 | JN |
| 2. | unknown siloxane | 21.52 | 5 | J |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05069905.D

Level: (low/med) LOW Date Received: 05/06/99

% Moisture: not dec. 0 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U J |
| 75-01-4 | Vinyl chloride | 10 | U |
| 74-83-9 | Bromomethane | 15 | U J |
| 75-00-3 | Chloroethane | 10 | U J |
| 67-64-1 | Acetone | 25 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-09-2 | Methylene chloride | 5 | U J |
| 75-15-0 | Carbon disulfide | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 25 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 594-20-7 | 2,2-Dichloropropane | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon tetrachloride | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| 108383/106423 | m- &/or p-Xylene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |

AJ 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05069905.D

Level: (low/med) LOW Date Received: 05/06/99

% Moisture: not dec. 0 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 99-87-6 | p-Isopropyltoluene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05069905.D

Level: (low/med) LOW Date Received: 05/06/99

% Moisture: not dec. 0 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. | unknown siloxane | 17.91 | 4 | J |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05099905.D

Level: (low/med) LOW Date Received: 05/09/99

% Moisture: not dec. 0 Date Analyzed: 05/09/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U J |
| 75-01-4 | Vinyl chloride | 10 | U |
| 74-83-9 | Bromomethane | 15 | U J |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 25 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-09-2 | Methylene chloride | 5 | U J |
| 75-15-0 | Carbon disulfide | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 25 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 594-20-7 | 2,2-Dichloropropane | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon tetrachloride | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| 108383/106423 | m- &/or p-Xylene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |

Ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05099905.D

Level: (low/med) LOW Date Received: 05/09/99

% Moisture: not dec. 0 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) | UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 99-87-6 | p-Isopropyltoluene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05099905.D

Level: (low/med) LOW Date Received: 05/09/99

% Moisture: not dec. 0 Date Analyzed: 05/09/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 001066-40-6 | Silanol, trimethyl- | 7.39 | 4 | JN |
| 2. | unknown siloxane | 17.90 | 4 | J |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05109904.D

Level: (low/med) LOW Date Received: 05/10/99

% Moisture: not dec. 0 Date Analyzed: 05/10/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U J |
| 75-01-4 | Vinyl chloride | 10 | U J |
| 74-83-9 | Bromomethane | 15 | U J |
| 75-00-3 | Chloroethane | 10 | U |
| 67-64-1 | Acetone | 25 | U |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-09-2 | Methylene chloride | 5 | U J |
| 75-15-0 | Carbon disulfide | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 25 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 594-20-7 | 2,2-Dichloropropane | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon tetrachloride | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| 108383/106423 | m- &/or p-Xylene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |

ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05109904.D

Level: (low/med) LOW Date Received: 05/10/99

% Moisture: not dec. 0 Date Analyzed: 05/10/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 99-87-6 | p-Isopropyltoluene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**LAB BLANK**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: LAB BLANK

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05109904.D

Level: (low/med) LOW Date Received: 05/10/99

% Moisture: not dec. 0 Date Analyzed: 05/10/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 3

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.31 | 780 | E ~~JN~~ |
| 2. 75-69-4 | Trichlorofluoromethane | 4.79 | 4 | JN |
| 3. | unknown siloxane | 17.90 | 5 | J |

ag 5/27/99

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-101

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S26

Sample wt/vol: 4.2 (g/ml) G Lab File ID: 05059912.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 26.7 Date Analyzed: 05/05/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 16 | U J |
| 75-01-4 | Vinyl chloride | 16 | U |
| 74-83-9 | Bromomethane | 25 | U J |
| 75-00-3 | Chloroethane | 16 | U |
| 67-64-1 | Acetone | 190 | |
| 75-35-4 | 1,1-Dichloroethene | 8 | U |
| 75-09-2 | Methylene chloride | 8 | U J |
| 75-15-0 | Carbon disulfide | 8 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 8 | U |
| 75-34-3 | 1,1-Dichloroethane | 8 | U |
| 78-93-3 | 2-Butanone | 24 | J |
| 156-59-2 | cis-1,2-Dichloroethene | 8 | U |
| 74-97-5 | Bromochloromethane | 8 | U |
| 67-66-3 | Chloroform | 8 | U |
| 594-20-7 | 2,2-Dichloropropane | 8 | U |
| 107-06-2 | 1,2-Dichloroethane | 8 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 8 | U |
| 563-58-6 | 1,1-Dichloropropene | 8 | U |
| 56-23-5 | Carbon tetrachloride | 8 | U |
| 71-43-2 | Benzene | 4 | J |
| 74-95-3 | Dibromomethane | 8 | U |
| 79-01-6 | Trichloroethene | 8 | U |
| 78-87-5 | 1,2-Dichloropropane | 8 | U |
| 75-27-4 | Bromodichloromethane | 8 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 8 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 16 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 8 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 8 | U |
| 108-88-3 | Toluene | 5 | J |
| 142-28-9 | 1,3-Dichloropropane | 8 | U |
| 591-78-6 | 2-Hexanone | 16 | U |
| 124-48-1 | Dibromochloromethane | 8 | U |
| 106-93-4 | 1,2-Dibromoethane | 8 | U |
| 127-18-4 | Tetrachloroethene | 8 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 8 | U |
| 108-90-7 | Chlorobenzene | 8 | U |
| 100-41-4 | Ethylbenzene | 8 | U |
| 108383/106423 | m- &/or p-Xylene | 8 | U |
| 75-25-2 | Bromoform | 8 | U |

Cg 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-101

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S26

Sample wt/vol: 4.2 (g/ml) G Lab File ID: 05059912.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 26.7 Date Analyzed: 05/05/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 8 | U |
| 95-47-6 | o-Xylene | 8 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 8 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 8 | U |
| 98-82-8 | Isopropylbenzene | 8 | U |
| 108-86-1 | Bromobenzene | 8 | U |
| 103-65-1 | n-Propylbenzene | 8 | U |
| 95-49-8 | 2-Chlorotoluene | 8 | U |
| 106-43-4 | 4-Chlorotoluene | 8 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 8 | U |
| 98-06-6 | tert-Butylbenzene | 8 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 8 | U |
| 135-98-8 | sec-Butylbenzene | 8 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 8 | U |
| 99-87-6 | p-Isopropyltoluene | 8 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 8 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 8 | U J |
| 104-51-8 | n-Butylbenzene | 8 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 8 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 8 | U J |
| 91-20-3 | Naphthalene | 8 | U J |
| 87-68-3 | Hexachlorobutadiene | 8 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 8 | U J |

ag 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X-101

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S26

Sample wt/vol: 4.2 (g/ml) G Lab File ID: 05059912.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 26.7 Date Analyzed: 05/05/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 11

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.31 | 86 | JN |
| 2. 000115-07-1 | 1-Propene | 3.26 | 33 | JN |
| 3. 000075-28-5 | Propane, 2-methyl- | 3.55 | 8 | JN |
| 4. 000106-98-9 | 1-Butene | 3.78 | 44 | JN |
| 5. 000078-78-4 | Butane, 2-methyl- | 4.53 | 23 | JN |
| 6. | unknown pentene isomer | 4.81 | 10 | J |
| 7. 000109-66-0 | Pentane | 4.89 | 26 | JN |
| 8. | unknown hexane isomer | 6.08 | 7 | J |
| 9. | unknown hexane isomer | 6.40 | 7 | J |
| 10. 000110-54-3 | Hexane | 6.71 | 8 | JN |
| 11. 000108-87-2 | Cyclohexane, methyl- | 9.92 | 9 | JN |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-103

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05D01

Sample wt/vol: 5.8 (g/ml) G Lab File ID: 05069906.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 34.7 Date Analyzed: 05/06/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 13 | U J |
| 75-01-4 | Vinyl chloride | 13 | U |
| 74-83-9 | Bromomethane | 20 | U J |
| 75-00-3 | Chloroethane | 13 | U J |
| 67-64-1 | Acetone | 56 | |
| 75-35-4 | 1,1-Dichloroethene | 7 | U |
| 75-09-2 | Methylene chloride | 7 | J |
| 75-15-0 | Carbon disulfide | 7 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 7 | U |
| 75-34-3 | 1,1-Dichloroethane | 7 | U |
| 78-93-3 | 2-Butanone | 33 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 7 | U |
| 74-97-5 | Bromochloromethane | 7 | U |
| 67-66-3 | Chloroform | 7 | U |
| 594-20-7 | 2,2-Dichloropropane | 7 | U |
| 107-06-2 | 1,2-Dichloroethane | 7 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 7 | U |
| 563-58-6 | 1,1-Dichloropropene | 7 | U |
| 56-23-5 | Carbon tetrachloride | 7 | U |
| 71-43-2 | Benzene | 4 | J |
| 74-95-3 | Dibromomethane | 7 | U |
| 79-01-6 | Trichloroethene | 7 | U |
| 78-87-5 | 1,2-Dichloropropane | 7 | U |
| 75-27-4 | Bromodichloromethane | 7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 7 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 13 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 7 | U |
| 108-88-3 | Toluene | 7 | U |
| 142-28-9 | 1,3-Dichloropropane | 7 | U |
| 591-78-6 | 2-Hexanone | 13 | U |
| 124-48-1 | Dibromochloromethane | 7 | U |
| 106-93-4 | 1,2-Dibromoethane | 7 | U |
| 127-18-4 | Tetrachloroethene | 7 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 7 | U J |
| 108-90-7 | Chlorobenzene | 7 | U J |
| 100-41-4 | Ethylbenzene | 7 | U J |
| 108383/106423 | m- &/or p-Xylene | 7 | U J |
| 75-25-2 | Bromoform | 7 | U J |

ag 5/28/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-103

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05D01

Sample wt/vol: 5.8 (g/ml) G Lab File ID: 05069906.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 34.7 Date Analyzed: 05/06/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 7 | U J |
| 95-47-6 | o-Xylene | 7 | U J |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7 | U J |
| 96-18-4 | 1,2,3-Trichloropropane | 7 | U J |
| 98-82-8 | Isopropylbenzene | 7 | U J |
| 108-86-1 | Bromobenzene | 7 | U J |
| 103-65-1 | n-Propylbenzene | 7 | U J |
| 95-49-8 | 2-Chlorotoluene | 7 | U J |
| 106-43-4 | 4-Chlorotoluene | 7 | U J |
| 108-67-8 | 1,3,5-Trimethylbenzene | 7 | U J |
| 98-06-6 | tert-Butylbenzene | 7 | U J |
| 95-63-6 | 1,2,4-Trimethylbenzene | 7 | U J |
| 135-98-8 | sec-Butylbenzene | 7 | U J |
| 541-73-1 | 1,3-Dichlorobenzene | 7 | U J |
| 99-87-6 | p-Isopropyltoluene | 7 | U J |
| 106-46-7 | 1,4-Dichlorobenzene | 7 | U J |
| 95-50-1 | 1,2-Dichlorobenzene | 7 | U J |
| 104-51-8 | n-Butylbenzene | 7 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 7 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7 | U J |
| 91-20-3 | Naphthalene | 7 | U J |
| 87-68-3 | Hexachlorobutadiene | 7 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7 | U J |

ag 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X-103

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05D01

Sample wt/vol: 5.8 (g/ml) G Lab File ID: 05069906.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 34.7 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 10

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 000115-07-1 | 1-Propene | 3.26 | 16 | JN |
| 2. 000106-97-8 | Butane | 3.79 | 10 | JN |
| 3. 000078-78-4 | Butane, 2-methyl- | 4.54 | 8 | JN |
| 4. 000109-66-0 | Pentane | 4.89 | 11 | JN |
| 5. 000110-62-3 | Pentanal | 9.99 | 8 | JN |
| 6. | unknown | 13.13 | 69 | J |
| 7. | unknown | 15.82 | 7 | J |
| 8. | unknown | 18.84 | 14 | J |
| 9. | C3-benzene | 19.18 | 13 | J |
| 10. | unknown siloxane | 21.54 | 21 | J |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-107

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S11

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05069907.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 26.9 Date Analyzed: 05/06/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 14 | U J |
| 75-01-4 | Vinyl chloride | 14 | U |
| 74-83-9 | Bromomethane | 21 | U J |
| 75-00-3 | Chloroethane | 14 | U J |
| 67-64-1 | Acetone | 34 | U |
| 75-35-4 | 1,1-Dichloroethene | 7 | U |
| 75-09-2 | Methylene chloride | 4 | J |
| 75-15-0 | Carbon disulfide | 7 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 7 | U |
| 75-34-3 | 1,1-Dichloroethane | 7 | U |
| 78-93-3 | 2-Butanone | 34 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 7 | U |
| 74-97-5 | Bromochloromethane | 7 | U |
| 67-66-3 | Chloroform | 7 | U |
| 594-20-7 | 2,2-Dichloropropane | 7 | U |
| 107-06-2 | 1,2-Dichloroethane | 7 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 7 | U |
| 563-58-6 | 1,1-Dichloropropene | 7 | U |
| 56-23-5 | Carbon tetrachloride | 7 | U |
| 71-43-2 | Benzene | 7 | U |
| 74-95-3 | Dibromomethane | 7 | U |
| 79-01-6 | Trichloroethene | 7 | U |
| 78-87-5 | 1,2-Dichloropropane | 7 | U |
| 75-27-4 | Bromodichloromethane | 7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 7 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 14 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 7 | U |
| 108-88-3 | Toluene | 7 | U |
| 142-28-9 | 1,3-Dichloropropane | 7 | U |
| 591-78-6 | 2-Hexanone | 14 | U |
| 124-48-1 | Dibromochloromethane | 7 | U |
| 106-93-4 | 1,2-Dibromoethane | 7 | U |
| 127-18-4 | Tetrachloroethene | 7 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 7 | U |
| 108-90-7 | Chlorobenzene | 7 | U |
| 100-41-4 | Ethylbenzene | 7 | U |
| 108383/106423 | m- &/or p-Xylene | 7 | U |
| 75-25-2 | Bromoform | 7 | U |

ag 5/28/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-107

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S11

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05069907.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 26.9 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 7 | U |
| 95-47-6 | o-Xylene | 7 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 7 | U |
| 98-82-8 | Isopropylbenzene | 7 | U |
| 108-86-1 | Bromobenzene | 7 | U |
| 103-65-1 | n-Propylbenzene | 7 | U |
| 95-49-8 | 2-Chlorotoluene | 7 | U |
| 106-43-4 | 4-Chlorotoluene | 7 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 7 | U |
| 98-06-6 | tert-Butylbenzene | 7 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 7 | U |
| 135-98-8 | sec-Butylbenzene | 7 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 7 | U |
| 99-87-6 | p-Isopropyltoluene | 7 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 7 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 7 | U |
| 104-51-8 | n-Butylbenzene | 7 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 7 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7 | U |
| 91-20-3 | Naphthalene | 7 | U |
| 87-68-3 | Hexachlorobutadiene | 7 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X-107

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S11

Sample wt/vol: 5.0 (g/ml) G Lab File ID: 05069907.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 26.9 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.32 | 50 | ~~JN~~ |

ay 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-108

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S12

Sample wt/vol: 5.5 (g/ml) G Lab File ID: 05069908.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 9.5 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U J |
| 75-01-4 | Vinyl chloride | 10 | U |
| 74-83-9 | Bromomethane | 15 | U J |
| 75-00-3 | Chloroethane | 10 | U J |
| 67-64-1 | Acetone | 30 | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-09-2 | Methylene chloride | 5 | U J |
| 75-15-0 | Carbon disulfide | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 25 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 594-20-7 | 2,2-Dichloropropane | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon tetrachloride | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| 108383/106423 | m- &/or p-Xylene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |

Ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-108

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S12

Sample wt/vol: 5.5 (g/ml) G Lab File ID: 05069908.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 9.5 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 99-87-6 | p-Isopropyltoluene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X-108

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S12

Sample wt/vol: 5.5 (g/ml) G Lab File ID: 05069908.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 9.5 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.32 | 120 | JN |
| 2. | unknown propene isomer | 3.76 | 4 | J |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-109

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S02

Sample wt/vol: 6.1 (g/ml) G Lab File ID: 05069909.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 12.7 Date Analyzed: 05/06/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 10 | U J |
| 75-01-4 | Vinyl chloride | 10 | U |
| 74-83-9 | Bromomethane | 14 | U J |
| 75-00-3 | Chloroethane | 10 | U J |
| 67-64-1 | Acetone | 56 | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-09-2 | Methylene chloride | 5 | U J |
| 75-15-0 | Carbon disulfide | 5 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 24 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 594-20-7 | 2,2-Dichloropropane | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon tetrachloride | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 10 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 591-78-6 | 2-Hexanone | 10 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| 108383/106423 | m- &/or p-Xylene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |

ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-109

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S02

Sample wt/vol: 6.1 (g/ml) G Lab File ID: 05069909.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 12.7 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) UG/KG | | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 99-87-6 | p-Isopropyltoluene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U |
| 104-51-8 | n-Butylbenzene | 5 | U |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U |
| 91-20-3 | Naphthalene | 5 | U |
| 87-68-3 | Hexachlorobutadiene | 5 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-109**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S02

Sample wt/vol: 6.1 (g/ml) G Lab File ID: 05069909.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 12.7 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.31 | 83 | ~~JN~~ |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-110**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S03

Sample wt/vol: 4.8 (g/ml) G Lab File ID: 05069910.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 29 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 15 | U J |
| 75-01-4 | Vinyl chloride | 15 | U |
| 74-83-9 | Bromomethane | 22 | U J |
| 75-00-3 | Chloroethane | 15 | U J |
| 67-64-1 | Acetone | 180 | |
| 75-35-4 | 1,1-Dichloroethene | 7 | U |
| 75-09-2 | Methylene chloride | 4 | J |
| 75-15-0 | Carbon disulfide | 7 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 7 | U |
| 75-34-3 | 1,1-Dichloroethane | 7 | U |
| 78-93-3 | 2-Butanone | 27 | J |
| 156-59-2 | cis-1,2-Dichloroethene | 7 | U |
| 74-97-5 | Bromochloromethane | 7 | U |
| 67-66-3 | Chloroform | 7 | U |
| 594-20-7 | 2,2-Dichloropropane | 7 | U |
| 107-06-2 | 1,2-Dichloroethane | 7 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 7 | U |
| 563-58-6 | 1,1-Dichloropropene | 7 | U |
| 56-23-5 | Carbon tetrachloride | 7 | U |
| 71-43-2 | Benzene | 7 | U |
| 74-95-3 | Dibromomethane | 7 | U |
| 79-01-6 | Trichloroethene | 7 | U |
| 78-87-5 | 1,2-Dichloropropane | 7 | U |
| 75-27-4 | Bromodichloromethane | 7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 7 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 15 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 7 | U |
| 108-88-3 | Toluene | 7 | U |
| 142-28-9 | 1,3-Dichloropropane | 7 | U |
| 591-78-6 | 2-Hexanone | 15 | U |
| 124-48-1 | Dibromochloromethane | 7 | U |
| 106-93-4 | 1,2-Dibromoethane | 7 | U |
| 127-18-4 | Tetrachloroethene | 7 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 7 | U |
| 108-90-7 | Chlorobenzene | 7 | U |
| 100-41-4 | Ethylbenzene | 7 | U |
| 108383/106423 | m- &/or p-Xylene | 7 | U |
| 75-25-2 | Bromoform | 7 | U |

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5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-110**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S03

Sample wt/vol: 4.8 (g/ml) G Lab File ID: 05069910.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 29 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 7 | U |
| 95-47-6 | o-Xylene | 7 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 7 | U |
| 98-82-8 | Isopropylbenzene | 7 | U |
| 108-86-1 | Bromobenzene | 7 | U |
| 103-65-1 | n-Propylbenzene | 7 | U |
| 95-49-8 | 2-Chlorotoluene | 7 | U |
| 106-43-4 | 4-Chlorotoluene | 7 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 7 | U |
| 98-06-6 | tert-Butylbenzene | 7 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 7 | U |
| 135-98-8 | sec-Butylbenzene | 7 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 7 | U |
| 99-87-6 | p-Isopropyltoluene | 7 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 7 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 7 | U J |
| 104-51-8 | n-Butylbenzene | 7 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 7 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7 | U J |
| 91-20-3 | Naphthalene | 7 | U J |
| 87-68-3 | Hexachlorobutadiene | 7 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7 | U J |

ag 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-110**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S03

Sample wt/vol: 4.8 (g/ml) G Lab File ID: 05069910.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 29 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 4

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.30 | 47 | ~~JN~~ |
| 2. 000106-97-8 | Butane | 3.77 | 6 | JN |
| 3. 000079-20-9 | Methyl acetate | 5.91 | 22 | JN |
| 4. | unknown siloxane | 21.52 | 11 | J |

ag 5/27/99

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-111**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S01

Sample wt/vol: 3.9 (g/ml) G Lab File ID: 05069911.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 49.7 Date Analyzed: 05/06/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 26 | U J |
| 75-01-4 | Vinyl chloride | 26 | U |
| 74-83-9 | Bromomethane | 38 | U J |
| 75-00-3 | Chloroethane | 26 | U J |
| 67-64-1 | Acetone | 140 | |
| 75-35-4 | 1,1-Dichloroethene | 13 | U |
| 75-09-2 | Methylene chloride | 6 | J |
| 75-15-0 | Carbon disulfide | 13 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 13 | U |
| 75-34-3 | 1,1-Dichloroethane | 13 | U |
| 78-93-3 | 2-Butanone | 64 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 13 | U |
| 74-97-5 | Bromochloromethane | 13 | U |
| 67-66-3 | Chloroform | 13 | U |
| 594-20-7 | 2,2-Dichloropropane | 13 | U |
| 107-06-2 | 1,2-Dichloroethane | 13 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 13 | U |
| 563-58-6 | 1,1-Dichloropropene | 13 | U |
| 56-23-5 | Carbon tetrachloride | 13 | U |
| 71-43-2 | Benzene | 13 | U |
| 74-95-3 | Dibromomethane | 13 | U |
| 79-01-6 | Trichloroethene | 13 | U |
| 78-87-5 | 1,2-Dichloropropane | 13 | U |
| 75-27-4 | Bromodichloromethane | 13 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 13 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 26 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 13 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 13 | U |
| 108-88-3 | Toluene | 8 | J |
| 142-28-9 | 1,3-Dichloropropane | 13 | U |
| 591-78-6 | 2-Hexanone | 26 | U |
| 124-48-1 | Dibromochloromethane | 13 | U |
| 106-93-4 | 1,2-Dibromoethane | 13 | U |
| 127-18-4 | Tetrachloroethene | 13 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 13 | U |
| 108-90-7 | Chlorobenzene | 13 | U |
| 100-41-4 | Ethylbenzene | 13 | U |
| 108383/106423 | m- &/or p-Xylene | 13 | U |
| 75-25-2 | Bromoform | 13 | U |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-111

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S01

Sample wt/vol: 3.9 (g/ml) G Lab File ID: 05069911.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 49.7 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 13 | U |
| 95-47-6 | o-Xylene | 13 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 13 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 13 | U |
| 98-82-8 | Isopropylbenzene | 13 | U |
| 108-86-1 | Bromobenzene | 13 | U |
| 103-65-1 | n-Propylbenzene | 13 | U |
| 95-49-8 | 2-Chlorotoluene | 13 | U |
| 106-43-4 | 4-Chlorotoluene | 13 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 13 | U |
| 98-06-6 | tert-Butylbenzene | 13 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 13 | U |
| 135-98-8 | sec-Butylbenzene | 13 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 13 | U |
| 99-87-6 | p-Isopropyltoluene | 13 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 13 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 13 | U J |
| 104-51-8 | n-Butylbenzene | 13 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 13 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 13 | U J |
| 91-20-3 | Naphthalene | 13 | U J |
| 87-68-3 | Hexachlorobutadiene | 13 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 13 | U J |

Ag 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X-111

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S01

Sample wt/vol: 3.9 (g/ml) G Lab File ID: 05069911.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 49.7 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 3

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 000074-98-6 | Propane | 3.96 | 8 | JN |
| 2. 000078-78-4 | Butane, 2-methyl- | 4.54 | 10 | JN |
| 3. | unknown | 13.14 | 48 | J |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-112**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S04

Sample wt/vol: 6.5 (g/ml) G Lab File ID: 05069912.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 19 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 9 | U J |
| 75-01-4 | Vinyl chloride | 9 | U |
| 74-83-9 | Bromomethane | 14 | U J |
| 75-00-3 | Chloroethane | 9 | U J |
| 67-64-1 | Acetone | 62 | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-09-2 | Methylene chloride | 4 | J |
| 75-15-0 | Carbon disulfide | 4 | J |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 24 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 594-20-7 | 2,2-Dichloropropane | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon tetrachloride | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 9 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 591-78-6 | 2-Hexanone | 9 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| 108383/106423 | m- &/or p-Xylene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-112**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S04

Sample wt/vol: 6.5 (g/ml) G Lab File ID: 05069912.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 19 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 99-87-6 | p-Isopropyltoluene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U J |
| 104-51-8 | n-Butylbenzene | 5 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U J |
| 91-20-3 | Naphthalene | 5 | U J |
| 87-68-3 | Hexachlorobutadiene | 5 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U J |

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-112**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S04

Sample wt/vol: 6.5 (g/ml) G Lab File ID: 05069912.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 19 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 2

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.32 | 110 | ~~JN~~ |
| 2. | unknown siloxane | 21.52 | 5 | J |

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VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-113

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S05

Sample wt/vol: 5.9 (g/ml) G Lab File ID: 05069913.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 21.7 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 11 | U J |
| 75-01-4 | Vinyl chloride | 11 | U |
| 74-83-9 | Bromomethane | 16 | U J |
| 75-00-3 | Chloroethane | 11 | U J |
| 67-64-1 | Acetone | 38 | |
| 75-35-4 | 1,1-Dichloroethene | 5 | U |
| 75-09-2 | Methylene chloride | 5 | U J |
| 75-15-0 | Carbon disulfide | 6 | |
| 156-60-5 | trans-1,2-Dichloroethene | 5 | U |
| 75-34-3 | 1,1-Dichloroethane | 5 | U |
| 78-93-3 | 2-Butanone | 27 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 5 | U |
| 74-97-5 | Bromochloromethane | 5 | U |
| 67-66-3 | Chloroform | 5 | U |
| 594-20-7 | 2,2-Dichloropropane | 5 | U |
| 107-06-2 | 1,2-Dichloroethane | 5 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 5 | U |
| 563-58-6 | 1,1-Dichloropropene | 5 | U |
| 56-23-5 | Carbon tetrachloride | 5 | U |
| 71-43-2 | Benzene | 5 | U |
| 74-95-3 | Dibromomethane | 5 | U |
| 79-01-6 | Trichloroethene | 5 | U |
| 78-87-5 | 1,2-Dichloropropane | 5 | U |
| 75-27-4 | Bromodichloromethane | 5 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 5 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 11 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 5 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 5 | U |
| 108-88-3 | Toluene | 5 | U |
| 142-28-9 | 1,3-Dichloropropane | 5 | U |
| 591-78-6 | 2-Hexanone | 11 | U |
| 124-48-1 | Dibromochloromethane | 5 | U |
| 106-93-4 | 1,2-Dibromoethane | 5 | U |
| 127-18-4 | Tetrachloroethene | 5 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 5 | U |
| 108-90-7 | Chlorobenzene | 5 | U |
| 100-41-4 | Ethylbenzene | 5 | U |
| 108383/106423 | m- &/or p-Xylene | 5 | U |
| 75-25-2 | Bromoform | 5 | U |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-113**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S05

Sample wt/vol: 5.9 (g/ml) G Lab File ID: 05069913.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 21.7 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 5 | U |
| 95-47-6 | o-Xylene | 5 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 5 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 5 | U |
| 98-82-8 | Isopropylbenzene | 5 | U |
| 108-86-1 | Bromobenzene | 5 | U |
| 103-65-1 | n-Propylbenzene | 5 | U |
| 95-49-8 | 2-Chlorotoluene | 5 | U |
| 106-43-4 | 4-Chlorotoluene | 5 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 5 | U |
| 98-06-6 | tert-Butylbenzene | 5 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 5 | U |
| 135-98-8 | sec-Butylbenzene | 5 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 5 | U |
| 99-87-6 | p-Isopropyltoluene | 5 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 5 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 5 | U J |
| 104-51-8 | n-Butylbenzene | 5 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 5 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 5 | U J |
| 91-20-3 | Naphthalene | 5 | U J |
| 87-68-3 | Hexachlorobutadiene | 5 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 5 | U J |

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-113**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S05

Sample wt/vol: 5.9 (g/ml) G Lab File ID: 05069913.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 21.7 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 8

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.30 | 55 | ~~JN~~ |
| 2. | unknown butene isomer | 3.77 | 3 | J |
| 3. 000074-98-6 | Propane | 3.95 | 4 | JN |
| 4. | unknown | 5.39 | 3 | J |
| 5. | unknown | 13.13 | 33 | J |
| 6. | unknown | 18.84 | 4 | J |
| 7. | unknown | 19.55 | 4 | J |
| 8. | unknown hydrocarbon | 20.77 | 5 | J |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-114**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S06

Sample wt/vol: 5.2 (g/ml) G Lab File ID: 05069914.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 28.2 Date Analyzed: 05/06/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 13 | U J |
| 75-01-4 | Vinyl chloride | 13 | U |
| 74-83-9 | Bromomethane | 20 | U J |
| 75-00-3 | Chloroethane | 13 | U J |
| 67-64-1 | Acetone | 57 | |
| 75-35-4 | 1,1-Dichloroethene | 7 | U |
| 75-09-2 | Methylene chloride | 3 | J |
| 75-15-0 | Carbon disulfide | 7 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 7 | U |
| 75-34-3 | 1,1-Dichloroethane | 7 | U |
| 78-93-3 | 2-Butanone | 34 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 7 | U |
| 74-97-5 | Bromochloromethane | 7 | U |
| 67-66-3 | Chloroform | 7 | U |
| 594-20-7 | 2,2-Dichloropropane | 7 | U |
| 107-06-2 | 1,2-Dichloroethane | 7 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 7 | U |
| 563-58-6 | 1,1-Dichloropropene | 7 | U |
| 56-23-5 | Carbon tetrachloride | 7 | U |
| 71-43-2 | Benzene | 7 | U |
| 74-95-3 | Dibromomethane | 7 | U |
| 79-01-6 | Trichloroethene | 7 | U |
| 78-87-5 | 1,2-Dichloropropane | 7 | U |
| 75-27-4 | Bromodichloromethane | 7 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 7 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 13 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 7 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 7 | U |
| 108-88-3 | Toluene | 7 | U |
| 142-28-9 | 1,3-Dichloropropane | 7 | U |
| 591-78-6 | 2-Hexanone | 13 | U |
| 124-48-1 | Dibromochloromethane | 7 | U |
| 106-93-4 | 1,2-Dibromoethane | 7 | U |
| 127-18-4 | Tetrachloroethene | 7 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 7 | U |
| 108-90-7 | Chlorobenzene | 7 | U |
| 100-41-4 | Ethylbenzene | 7 | U |
| 108383/106423 | m- &/or p-Xylene | 7 | U |
| 75-25-2 | Bromoform | 7 | U |

ag 5/27/99

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-114**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S06

Sample wt/vol: 5.2 (g/ml) G Lab File ID: 05069914.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 28.2 Date Analyzed: 05/06/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 7 | U |
| 95-47-6 | o-Xylene | 7 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 7 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 7 | U |
| 98-82-8 | Isopropylbenzene | 7 | U |
| 108-86-1 | Bromobenzene | 7 | U |
| 103-65-1 | n-Propylbenzene | 7 | U |
| 95-49-8 | 2-Chlorotoluene | 7 | U |
| 106-43-4 | 4-Chlorotoluene | 7 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 7 | U |
| 98-06-6 | tert-Butylbenzene | 7 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 7 | U |
| 135-98-8 | sec-Butylbenzene | 7 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 7 | U |
| 99-87-6 | p-Isopropyltoluene | 7 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 7 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 7 | U J |
| 104-51-8 | n-Butylbenzene | 7 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 7 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 7 | U J |
| 91-20-3 | Naphthalene | 7 | U J |
| 87-68-3 | Hexachlorobutadiene | 7 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 7 | U J |

Dg 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

X-114

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S06

Sample wt/vol: 5.2 (g/ml) G Lab File ID: 05069914.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 28.2 Date Analyzed: 05/06/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 9

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.32 | 150 | ~~JN~~ |
| 2. 000106-97-8 | Butane | 3.79 | 5 | JN |
| 3. 000078-78-4 | Butane, 2-methyl- | 4.54 | 8 | JN |
| 4. 000109-66-0 | Pentane | 4.90 | 5 | JN |
| 5. 000108-87-2 | Cyclohexane, methyl- | 9.93 | 6 | JN |
| 6. | unknown | 13.13 | 21 | J |
| 7. | unknown | 16.69 | 4 | J |
| 8. | unknown | 21.53 | 32 | J |
| 9. | unknown | 22.97 | 26 | J |

ag 5/21/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-115

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S07

Sample wt/vol: 6.0 (g/ml) G Lab File ID: 05109909.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 23.6 Date Analyzed: 05/10/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 11 | U J |
| 75-01-4 | Vinyl chloride | 11 | U J |
| 74-83-9 | Bromomethane | 16 | U J |
| 75-00-3 | Chloroethane | 11 | U |
| 67-64-1 | Acetone | 44 | |
| 75-35-4 | 1,1-Dichloroethene | 6 | U |
| 75-09-2 | Methylene chloride | 6 | U J |
| 75-15-0 | Carbon disulfide | 6 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 6 | U |
| 75-34-3 | 1,1-Dichloroethane | 6 | U |
| 78-93-3 | 2-Butanone | 27 | U |
| 156-59-2 | cis-1,2-Dichloroethene | 6 | U |
| 74-97-5 | Bromochloromethane | 6 | U |
| 67-66-3 | Chloroform | 6 | U |
| 594-20-7 | 2,2-Dichloropropane | 6 | U |
| 107-06-2 | 1,2-Dichloroethane | 6 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 6 | U |
| 563-58-6 | 1,1-Dichloropropene | 6 | U |
| 56-23-5 | Carbon tetrachloride | 6 | U |
| 71-43-2 | Benzene | 6 | U |
| 74-95-3 | Dibromomethane | 6 | U |
| 79-01-6 | Trichloroethene | 6 | U |
| 78-87-5 | 1,2-Dichloropropane | 6 | U |
| 75-27-4 | Bromodichloromethane | 6 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 6 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 11 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 6 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 6 | U |
| 108-88-3 | Toluene | 6 | U |
| 142-28-9 | 1,3-Dichloropropane | 6 | U |
| 591-78-6 | 2-Hexanone | 11 | U |
| 124-48-1 | Dibromochloromethane | 6 | U |
| 106-93-4 | 1,2-Dibromoethane | 6 | U |
| 127-18-4 | Tetrachloroethene | 6 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 6 | U |
| 108-90-7 | Chlorobenzene | 6 | U |
| 100-41-4 | Ethylbenzene | 6 | U |
| 108383/106423 | m- &/or p-Xylene | 6 | U |
| 75-25-2 | Bromoform | 6 | U |

ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-115**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S07

Sample wt/vol: 6.0 (g/ml) G Lab File ID: 05109909.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 23.6 Date Analyzed: 05/10/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 6 | U |
| 95-47-6 | o-Xylene | 6 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 6 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 6 | U |
| 98-82-8 | Isopropylbenzene | 6 | U |
| 108-86-1 | Bromobenzene | 6 | U |
| 103-65-1 | n-Propylbenzene | 6 | U |
| 95-49-8 | 2-Chlorotoluene | 6 | U |
| 106-43-4 | 4-Chlorotoluene | 6 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 6 | U |
| 98-06-6 | tert-Butylbenzene | 6 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 6 | U |
| 135-98-8 | sec-Butylbenzene | 6 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 6 | U |
| 99-87-6 | p-Isopropyltoluene | 6 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 6 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 6 | U J |
| 104-51-8 | n-Butylbenzene | 6 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 6 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 6 | U J |
| 91-20-3 | Naphthalene | 6 | U J |
| 87-68-3 | Hexachlorobutadiene | 6 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 6 | U J |

Cg 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-115**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S07

Sample wt/vol: 6.0 (g/ml) G Lab File ID: 05109909.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 23.6 Date Analyzed: 05/10/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 7

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.31 | 26 | ~~JN~~ β |
| 2. 000115-07-1 | 1-Propene | 3.25 | 22 | JN |
| 3. | unknown butene isomer | 3.76 | 9 | J |
| 4. 000078-78-4 | Butane, 2-methyl- | 4.53 | 4 | JN |
| 5. | unknown pentene isomer | 4.90 | 4 | J |
| 6. | unknown siloxane | 17.90 | 15 | J β |
| 7. | unknown siloxane | 21.52 | 7 | J |

ag 5/27/9

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-201**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S25

Sample wt/vol: 4.0 (g/ml) G Lab File ID: 05099906.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 37 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 20 | U J |
| 75-01-4 | Vinyl chloride | 20 | U |
| 74-83-9 | Bromomethane | 30 | U J |
| 75-00-3 | Chloroethane | 20 | U |
| 67-64-1 | Acetone | 330 | |
| 75-35-4 | 1,1-Dichloroethene | 10 | U |
| 75-09-2 | Methylene chloride | 10 | U J |
| 75-15-0 | Carbon disulfide | 68 | |
| 156-60-5 | trans-1,2-Dichloroethene | 10 | U |
| 75-34-3 | 1,1-Dichloroethane | 10 | U |
| 78-93-3 | 2-Butanone | 76 | |
| 156-59-2 | cis-1,2-Dichloroethene | 10 | U |
| 74-97-5 | Bromochloromethane | 10 | U |
| 67-66-3 | Chloroform | 10 | U |
| 594-20-7 | 2,2-Dichloropropane | 10 | U |
| 107-06-2 | 1,2-Dichloroethane | 10 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 10 | U |
| 563-58-6 | 1,1-Dichloropropene | 10 | U |
| 56-23-5 | Carbon tetrachloride | 10 | U |
| 71-43-2 | Benzene | 8 | J |
| 74-95-3 | Dibromomethane | 10 | U |
| 79-01-6 | Trichloroethene | 10 | U |
| 78-87-5 | 1,2-Dichloropropane | 10 | U |
| 75-27-4 | Bromodichloromethane | 10 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 10 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 20 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 10 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 10 | U |
| 108-88-3 | Toluene | 10 | U |
| 142-28-9 | 1,3-Dichloropropane | 10 | U |
| 591-78-6 | 2-Hexanone | 20 | U |
| 124-48-1 | Dibromochloromethane | 10 | U |
| 106-93-4 | 1,2-Dibromoethane | 10 | U |
| 127-18-4 | Tetrachloroethene | 10 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 10 | U |
| 108-90-7 | Chlorobenzene | 10 | U |
| 100-41-4 | Ethylbenzene | 10 | U |
| 108383/106423 | m- &/or p-Xylene | 10 | U |
| 75-25-2 | Bromoform | 10 | U |

ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-201**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S25

Sample wt/vol: 4.0 (g/ml) G Lab File ID: 05099906.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 37 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND (ug/L or ug/Kg) | UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 10 | U |
| 95-47-6 | o-Xylene | 10 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 10 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 10 | U |
| 98-82-8 | Isopropylbenzene | 10 | U |
| 108-86-1 | Bromobenzene | 10 | U |
| 103-65-1 | n-Propylbenzene | 10 | U |
| 95-49-8 | 2-Chlorotoluene | 10 | U |
| 106-43-4 | 4-Chlorotoluene | 10 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 10 | U |
| 98-06-6 | tert-Butylbenzene | 10 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 10 | U |
| 135-98-8 | sec-Butylbenzene | 10 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 10 | U |
| 99-87-6 | p-Isopropyltoluene | 10 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 10 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 10 | U J |
| 104-51-8 | n-Butylbenzene | 10 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 10 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 10 | U J |
| 91-20-3 | Naphthalene | 7 | J |
| 87-68-3 | Hexachlorobutadiene | 10 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 10 | U J |

ag 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-201**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S25

Sample wt/vol: 4.0 (g/ml) G Lab File ID: 05099906.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 37 Date Analyzed: 05/09/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 11

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 000463-58-1 | Carbon oxide sulfide | 3.31 | 120 | JN |
| 2. 000106-97-8 | Butane | 3.78 | 10 | JN |
| 3. 000078-78-4 | Butane, 2-methyl- | 4.45 | 7 | JN |
| 4. 000109-66-0 | Pentane | 4.83 | 8 | JN |
| 5. | unknown | 6.61 | 8 | J |
| 6. | unknown hexane isomer | 6.68 | 7 | J |
| 7. 000108-87-2 | Methylcyclohexane | 9.90 | 9 | JN |
| 8. | unknown hydrocarbon | 19.59 | 7 | J |
| 9. | unknown hydrocarbon | 20.05 | 11 | J |
| 10. | Total hydrocarbons, m/z55 | 23.84 | 800 | J |
| 11. | Total hydrocarbons, m/z57 | 20.06 | 790 | J |

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-202**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S13

Sample wt/vol: 3.3 (g/ml) G Lab File ID: 05099907.D

Level: (low/med) LOW Date Received: 05/09/99

% Moisture: not dec. 72.6 Date Analyzed: 05/09/99

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

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

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

| CAS NO. | COMPOUND | | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 57 | U J |
| 75-01-4 | Vinyl chloride | 57 | U |
| 74-83-9 | Bromomethane | 85 | U J |
| 75-00-3 | Chloroethane | 57 | U |
| 67-64-1 | Acetone | 990 | |
| 75-35-4 | 1,1-Dichloroethene | 28 | U |
| 75-09-2 | Methylene chloride | 28 | U J |
| 75-15-0 | Carbon disulfide | 790 | |
| 156-60-5 | trans-1,2-Dichloroethene | 28 | U |
| 75-34-3 | 1,1-Dichloroethane | 28 | U |
| 78-93-3 | 2-Butanone | 220 | |
| 156-59-2 | cis-1,2-Dichloroethene | 28 | U |
| 74-97-5 | Bromochloromethane | 28 | U |
| 67-66-3 | Chloroform | 28 | U |
| 594-20-7 | 2,2-Dichloropropane | 28 | U |
| 107-06-2 | 1,2-Dichloroethane | 28 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 28 | U |
| 563-58-6 | 1,1-Dichloropropene | 28 | U |
| 56-23-5 | Carbon tetrachloride | 28 | U |
| 71-43-2 | Benzene | 28 | U |
| 74-95-3. | Dibromomethane | 28 | U |
| 79-01-6 | Trichloroethene | 28 | U |
| 78-87-5 | 1,2-Dichloropropane | 28 | U |
| 75-27-4 | Bromodichloromethane | 28 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 28 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 57 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 28 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 28 | U |
| 108-88-3 | Toluene | 28 | U |
| 142-28-9 | 1,3-Dichloropropane | 28 | U |
| 591-78-6 | 2-Hexanone | 57 | U |
| 124-48-1 | Dibromochloromethane | 28 | U |
| 106-93-4 | 1,2-Dibromoethane | 28 | U |
| 127-18-4 | Tetrachloroethene | 28 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 28 | U |
| 108-90-7 | Chlorobenzene | 28 | U |
| 100-41-4 | Ethylbenzene | 28 | U |
| 108383/106423 | m- &/or p-Xylene | 28 | U |
| 75-25-2 | Bromoform | 28 | U |

Cg 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-202**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S13

Sample wt/vol: 3.3 (g/ml) G Lab File ID: 05099907.D

Level: (low/med) LOW Date Received: 05/09/99

% Moisture: not dec. 72.6 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 28 | U |
| 95-47-6 | o-Xylene | 28 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 28 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 28 | U |
| 98-82-8 | Isopropylbenzene | 28 | U |
| 108-86-1 | Bromobenzene | 28 | U |
| 103-65-1 | n-Propylbenzene | 28 | U |
| 95-49-8 | 2-Chlorotoluene | 28 | U |
| 106-43-4 | 4-Chlorotoluene | 28 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 28 | U |
| 98-06-6 | tert-Butylbenzene | 28 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 28 | U |
| 135-98-8 | sec-Butylbenzene | 28 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 28 | U |
| 99-87-6 | p-Isopropyltoluene | 28 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 28 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 28 | U J |
| 104-51-8 | n-Butylbenzene | 28 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 28 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 28 | U J |
| 91-20-3 | Naphthalene | 28 | U J |
| 87-68-3 | Hexachlorobutadiene | 28 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 28 | U J |

ag 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-202**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S13

Sample wt/vol: 3.3 (g/ml) G Lab File ID: 05099907.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 72.6 Date Analyzed: 05/09/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 7

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.31 | 320 | ~~JN~~ |
| 2. | Methylthiophene | 11.94 | 25 | J |
| 3. | C3-benzene | 18.24 | 31 | J |
| 4. | unknown hydrocarbon | 19.63 | 27 | J |
| 5. | unknown siloxane | 21.52 | 25 | J |
| 6. | unknown hydrocarbon | 21.76 | 32 | J |
| 7. | unknown hydrocarbon | 25.19 | 23 | J |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-203**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S14

Sample wt/vol: 3.3 (g/ml) G Lab File ID: 05099908.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 67.3 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 46 | U J |
| 75-01-4 | Vinyl chloride | 46 | U |
| 74-83-9 | Bromomethane | 69 | U J |
| 75-00-3 | Chloroethane | 46 | U |
| 67-64-1 | Acetone | 620 | |
| 75-35-4 | 1,1-Dichloroethene | 23 | U |
| 75-09-2 | Methylene chloride | 23 | U J |
| 75-15-0 | Carbon disulfide | 71 | |
| 156-60-5 | trans-1,2-Dichloroethene | 23 | U |
| 75-34-3 | 1,1-Dichloroethane | 23 | U |
| 78-93-3 | 2-Butanone | 450 | |
| 156-59-2 | cis-1,2-Dichloroethene | 23 | U |
| 74-97-5 | Bromochloromethane | 23 | U |
| 67-66-3 | Chloroform | 23 | U |
| 594-20-7 | 2,2-Dichloropropane | 23 | U |
| 107-06-2 | 1,2-Dichloroethane | 23 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 23 | U |
| 563-58-6 | 1,1-Dichloropropene | 23 | U |
| 56-23-5 | Carbon tetrachloride | 23 | U |
| 71-43-2 | Benzene | 23 | U |
| 74-95-3 | Dibromomethane | 23 | U |
| 79-01-6 | Trichloroethene | 23 | U |
| 78-87-5 | 1,2-Dichloropropane | 23 | U |
| 75-27-4 | Bromodichloromethane | 23 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 23 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 46 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 23 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 23 | U |
| 108-88-3 | Toluene | 17 | J |
| 142-28-9 | 1,3-Dichloropropane | 23 | U |
| 591-78-6 | 2-Hexanone | 46 | U |
| 124-48-1 | Dibromochloromethane | 23 | U |
| 106-93-4 | 1,2-Dibromoethane | 23 | U |
| 127-18-4 | Tetrachloroethene | 23 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 23 | U |
| 108-90-7 | Chlorobenzene | 23 | U |
| 100-41-4 | Ethylbenzene | 23 | U |
| 108383/106423 | m- &/or p-Xylene | 15 | J |
| 75-25-2 | Bromoform | 23 | U |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-203**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S14

Sample wt/vol: 3.3 (g/ml) G Lab File ID: 05099908.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 67.3 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 23 | U |
| 95-47-6 | o-Xylene | 17 | J |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 23 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 23 | U |
| 98-82-8 | Isopropylbenzene | 29 | |
| 108-86-1 | Bromobenzene | 23 | U |
| 103-65-1 | n-Propylbenzene | 40 | |
| 95-49-8 | 2-Chlorotoluene | 23 | U |
| 106-43-4 | 4-Chlorotoluene | 23 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 23 | U |
| 98-06-6 | tert-Butylbenzene | 23 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 23 | U |
| 135-98-8 | sec-Butylbenzene | 120 | |
| 541-73-1 | 1,3-Dichlorobenzene | 23 | U |
| 99-87-6 | p-Isopropyltoluene | 23 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 23 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 23 | U |
| 104-51-8 | n-Butylbenzene | 190 | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 23 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 23 | U |
| 91-20-3 | Naphthalene | 23 | U |
| 87-68-3 | Hexachlorobutadiene | 23 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 23 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

X-203

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S14

Sample wt/vol: 3.3 (g/ml) G Lab File ID: 05099908.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 67.3 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 46 | U J |
| 75-01-4 | Vinyl chloride | 46 | U |
| 74-83-9 | Bromomethane | 69 | U J |
| 75-00-3 | Chloroethane | 46 | U |
| 67-64-1 | Acetone | 620 | |
| 75-35-4 | 1,1-Dichloroethene | 23 | U |
| 75-09-2 | Methylene chloride | 23 | U J |
| 75-15-0 | Carbon disulfide | 71 | |
| 156-60-5 | trans-1,2-Dichloroethene | 23 | U |
| 75-34-3 | 1,1-Dichloroethane | 23 | U |
| 78-93-3 | 2-Butanone | 450 | |
| 156-59-2 | cis-1,2-Dichloroethene | 23 | U |
| 74-97-5 | Bromochloromethane | 23 | U |
| 67-66-3 | Chloroform | 23 | U |
| 594-20-7 | 2,2-Dichloropropane | 23 | U |
| 107-06-2 | 1,2-Dichloroethane | 23 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 23 | U |
| 563-58-6 | 1,1-Dichloropropene | 23 | U |
| 56-23-5 | Carbon tetrachloride | 23 | U |
| 71-43-2 | Benzene | 23 | U |
| 74-95-3 | Dibromomethane | 23 | U |
| 79-01-6 | Trichloroethene | 23 | U |
| 78-87-5 | 1,2-Dichloropropane | 23 | U |
| 75-27-4 | Bromodichloromethane | 23 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 23 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 46 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 23 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 23 | U |
| 108-88-3 | Toluene | 17 | J |
| 142-28-9 | 1,3-Dichloropropane | 23 | U |
| 591-78-6 | 2-Hexanone | 46 | U |
| 124-48-1 | Dibromochloromethane | 23 | U |
| 106-93-4 | 1,2-Dibromoethane | 23 | U |
| 127-18-4 | Tetrachloroethene | 23 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 23 | U |
| 108-90-7 | Chlorobenzene | 23 | U |
| 100-41-4 | Ethylbenzene | 23 | U |
| 108383/106423 | m- &/or p-Xylene | 15 | J |
| 75-25-2 | Bromoform | 23 | U |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-203**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S14

Sample wt/vol: 3.3 (g/ml) G Lab File ID: 05099908.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 67.3 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 23 | U |
| 95-47-6 | o-Xylene | 17 | J |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 23 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 23 | U |
| 98-82-8 | Isopropylbenzene | 29 | |
| 108-86-1 | Bromobenzene | 23 | U |
| 103-65-1 | n-Propylbenzene | 40 | |
| 95-49-8 | 2-Chlorotoluene | 23 | U |
| 106-43-4 | 4-Chlorotoluene | 23 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 23 | U |
| 98-06-6 | tert-Butylbenzene | 23 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 23 | U |
| 135-98-8 | sec-Butylbenzene | 120 | |
| 541-73-1 | 1,3-Dichlorobenzene | 23 | U |
| 99-87-6 | p-Isopropyltoluene | 23 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 23 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 23 | U |
| 104-51-8 | n-Butylbenzene | 190 | |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 23 | U |
| 120-82-1 | 1,2,4-Trichlorobenzene | 23 | U |
| 91-20-3 | Naphthalene | 23 | U |
| 87-68-3 | Hexachlorobutadiene | 23 | U |
| 87-61-6 | 1,2,3-Trichlorobenzene | 23 | U |

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-204**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S15

Sample wt/vol: 2.5 (g/ml) G Lab File ID: 05109915.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 57.2 Date Analyzed: 05/10/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 47 | U J |
| 75-01-4 | Vinyl chloride | 47 | U J |
| 74-83-9 | Bromomethane | 70 | U J |
| 75-00-3 | Chloroethane | 47 | U |
| 67-64-1 | Acetone | 550 | |
| 75-35-4 | 1,1-Dichloroethene | 23 | U |
| 75-09-2 | Methylene chloride | 23 | U J |
| 75-15-0 | Carbon disulfide | 31 | |
| 156-60-5 | trans-1,2-Dichloroethene | 23 | U |
| 75-34-3 | 1,1-Dichloroethane | 23 | U |
| 78-93-3 | 2-Butanone | 99 | J |
| 156-59-2 | cis-1,2-Dichloroethene | 23 | U |
| 74-97-5 | Bromochloromethane | 23 | U |
| 67-66-3 | Chloroform | 23 | U |
| 594-20-7 | 2,2-Dichloropropane | 23 | U |
| 107-06-2 | 1,2-Dichloroethane | 23 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 23 | U |
| 563-58-6 | 1,1-Dichloropropene | 23 | U |
| 56-23-5 | Carbon tetrachloride | 23 | U |
| 71-43-2 | Benzene | 23 | U |
| 74-95-3 | Dibromomethane | 23 | U |
| 79-01-6 | Trichloroethene | 23 | U |
| 78-87-5 | 1,2-Dichloropropane | 23 | U |
| 75-27-4 | Bromodichloromethane | 23 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 23 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 47 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 23 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 23 | U |
| 108-88-3 | Toluene | 23 | U |
| 142-28-9 | 1,3-Dichloropropane | 23 | U |
| 591-78-6 | 2-Hexanone | 47 | U |
| 124-48-1 | Dibromochloromethane | 23 | U |
| 106-93-4 | 1,2-Dibromoethane | 23 | U |
| 127-18-4 | Tetrachloroethene | 23 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 23 | U |
| 108-90-7 | Chlorobenzene | 23 | U |
| 100-41-4 | Ethylbenzene | 23 | U |
| 108383/106423 | m- &/or p-Xylene | 23 | U |
| 75-25-2 | Bromoform | 23 | U |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-204**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S15

Sample wt/vol: 2.5 (g/ml) G Lab File ID: 05109915.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 57.2 Date Analyzed: 05/10/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 23 | U |
| 95-47-6 | o-Xylene | 23 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 23 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 23 | U |
| 98-82-8 | Isopropylbenzene | 23 | U |
| 108-86-1 | Bromobenzene | 23 | U |
| 103-65-1 | n-Propylbenzene | 23 | U |
| 95-49-8 | 2-Chlorotoluene | 23 | U |
| 106-43-4 | 4-Chlorotoluene | 23 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 23 | U |
| 98-06-6 | tert-Butylbenzene | 23 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 23 | U |
| 135-98-8 | sec-Butylbenzene | 23 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 23 | U |
| 99-87-6 | p-Isopropyltoluene | 23 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 23 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 23 | U J |
| 104-51-8 | n-Butylbenzene | 23 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 23 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 23 | U J |
| 91-20-3 | Naphthalene | 23 | U J |
| 87-68-3 | Hexachlorobutadiene | 23 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 23 | U J |

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-204**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S15

Sample wt/vol: 2.5 (g/ml) G Lab File ID: 05109915.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 57.2 Date Analyzed: 05/10/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 4

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.31 | 1100 | E ~~JN~~ B |
| 2. 000075-07-0 | Acetaldehyde | 3.96 | 19 | JN |
| 3. | unknown siloxane | 17.90 | 83 | J B |
| 4. | unknown siloxane | 21.52 | 82 | J |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-205**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S16

Sample wt/vol: 3.7 (g/ml) G Lab File ID: 05099910.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 58.4 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 32 | U J |
| 75-01-4 | Vinyl chloride | 32 | U |
| 74-83-9 | Bromomethane | 48 | U J |
| 75-00-3 | Chloroethane | 32 | U |
| 67-64-1 | Acetone | 480 | |
| 75-35-4 | 1,1-Dichloroethene | 16 | U |
| 75-09-2 | Methylene chloride | 16 | U J |
| 75-15-0 | Carbon disulfide | 35 | |
| 156-60-5 | trans-1,2-Dichloroethene | 16 | U |
| 75-34-3 | 1,1-Dichloroethane | 16 | U |
| 78-93-3 | 2-Butanone | 93 | |
| 156-59-2 | cis-1,2-Dichloroethene | 16 | U |
| 74-97-5 | Bromochloromethane | 16 | U |
| 67-66-3 | Chloroform | 16 | U |
| 594-20-7 | 2,2-Dichloropropane | 16 | U |
| 107-06-2 | 1,2-Dichloroethane | 16 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 16 | U |
| 563-58-6 | 1,1-Dichloropropene | 16 | U |
| 56-23-5 | Carbon tetrachloride | 16 | U |
| 71-43-2 | Benzene | 16 | U |
| 74-95-3 | Dibromomethane | 16 | U |
| 79-01-6 | Trichloroethene | 16 | U |
| 78-87-5 | 1,2-Dichloropropane | 16 | U |
| 75-27-4 | Bromodichloromethane | 16 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 16 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 32 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 16 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 16 | U |
| 108-88-3 | Toluene | 16 | U |
| 142-28-9 | 1,3-Dichloropropane | 16 | U |
| 591-78-6 | 2-Hexanone | 32 | U |
| 124-48-1 | Dibromochloromethane | 16 | U |
| 106-93-4 | 1,2-Dibromoethane | 16 | U |
| 127-18-4 | Tetrachloroethene | 16 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 16 | U |
| 108-90-7 | Chlorobenzene | 16 | U |
| 100-41-4 | Ethylbenzene | 16 | U |
| 108383/106423 | m- &/or p-Xylene | 16 | U |
| 75-25-2 | Bromoform | 16 | U |

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-206**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S17

Sample wt/vol: 3.2 (g/ml) G Lab File ID: 05109910.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 37.5 Date Analyzed: 05/10/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 74-87-3 | Chloromethane | 25 | U J |
| 75-01-4 | Vinyl chloride | 25 | U J |
| 74-83-9 | Bromomethane | 38 | U J |
| 75-00-3 | Chloroethane | 25 | U |
| 67-64-1 | Acetone | 350 | |
| 75-35-4 | 1,1-Dichloroethene | 13 | U |
| 75-09-2 | Methylene chloride | 13 | U J |
| 75-15-0 | Carbon disulfide | 13 | U |
| 156-60-5 | trans-1,2-Dichloroethene | 13 | U |
| 75-34-3 | 1,1-Dichloroethane | 13 | U |
| 78-93-3 | 2-Butanone | 74 | |
| 156-59-2 | cis-1,2-Dichloroethene | 13 | U |
| 74-97-5 | Bromochloromethane | 13 | U |
| 67-66-3 | Chloroform | 13 | U |
| 594-20-7 | 2,2-Dichloropropane | 13 | U |
| 107-06-2 | 1,2-Dichloroethane | 13 | U |
| 71-55-6 | 1,1,1-Trichloroethane | 13 | U |
| 563-58-6 | 1,1-Dichloropropene | 13 | U |
| 56-23-5 | Carbon tetrachloride | 13 | U |
| 71-43-2 | Benzene | 13 | U |
| 74-95-3 | Dibromomethane | 13 | U |
| 79-01-6 | Trichloroethene | 13 | U |
| 78-87-5 | 1,2-Dichloropropane | 13 | U |
| 75-27-4 | Bromodichloromethane | 13 | U |
| 10061-01-5 | cis-1,3-Dichloropropene | 13 | U |
| 108-10-1 | 4-Methyl-2-pentanone | 25 | U |
| 10061-02-6 | trans-1,3-Dichloropropene | 13 | U |
| 79-00-5 | 1,1,2-Trichloroethane | 13 | U |
| 108-88-3 | Toluene | 13 | U |
| 142-28-9 | 1,3-Dichloropropane | 13 | U |
| 591-78-6 | 2-Hexanone | 25 | U |
| 124-48-1 | Dibromochloromethane | 13 | U |
| 106-93-4 | 1,2-Dibromoethane | 13 | U |
| 127-18-4 | Tetrachloroethene | 13 | U |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 13 | U |
| 108-90-7 | Chlorobenzene | 13 | U |
| 100-41-4 | Ethylbenzene | 13 | U |
| 108383/106423 | m- &/or p-Xylene | 13 | U |
| 75-25-2 | Bromoform | 13 | U |

ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-205**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S16

Sample wt/vol: 3.7 (g/ml) G Lab File ID: 05099910.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 58.4 Date Analyzed: 05/09/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 16 | U |
| 95-47-6 | o-Xylene | 16 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 16 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 16 | U |
| 98-82-8 | Isopropylbenzene | 16 | U |
| 108-86-1 | Bromobenzene | 16 | U |
| 103-65-1 | n-Propylbenzene | 16 | U |
| 95-49-8 | 2-Chlorotoluene | 16 | U |
| 106-43-4 | 4-Chlorotoluene | 16 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 16 | U |
| 98-06-6 | tert-Butylbenzene | 16 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 16 | U |
| 135-98-8 | sec-Butylbenzene | 16 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 16 | U |
| 99-87-6 | p-Isopropyltoluene | 16 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 16 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 16 | U J |
| 104-51-8 | n-Butylbenzene | 16 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 16 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 16 | U J |
| 91-20-3 | Naphthalene | 16 | U J |
| 87-68-3 | Hexachlorobutadiene | 16 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 16 | U J |

ag 5/27/99

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

**X-205**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S16

Sample wt/vol: 3.7 (g/ml) G Lab File ID: 05099910.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 58.4 Date Analyzed: 05/09/99

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

Soil Extract Volume: 1 (uL) Soil Aliquot Volume: 1 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 6

| CAS NO. | COMPOUND NAME | RT | EST. CONC. | Q |
|---|---|---|---|---|
| 1. 75-71-8 | Dichlorodifluoromethane | 3.31 | 89 | JN |
| 2. 000074-98-6 | Propane | 3.96 | 10 | JN |
| 3. | unknown hydrocarbon | 13.13 | 14 | J |
| 4. | unknown siloxane | 21.52 | 46 | J |
| 5. | C3-naphthalene | 24.32 | 12 | J |
| 6. | C3-naphthalene | 25.20 | 19 | J |

ag 5/27/99

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

**X-206**

Lab Name: Interlake Properties Contract: ESAT

Lab Code: CRL Case No.: 990055 SAS No.: _____ SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 99IE05S17

Sample wt/vol: 3.2 (g/ml) G Lab File ID: 05109910.D

Level: (low/med) LOW Date Received: 04/30/99

% Moisture: not dec. 37.5 Date Analyzed: 05/10/99

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

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

CONCENTRATION UNITS:

| CAS NO. | COMPOUND | (ug/L or ug/Kg) UG/KG | Q |
|---|---|---|---|
| 100-42-5 | Styrene | 13 | U |
| 95-47-6 | o-Xylene | 13 | U |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 13 | U |
| 96-18-4 | 1,2,3-Trichloropropane | 13 | U |
| 98-82-8 | Isopropylbenzene | 13 | U |
| 108-86-1 | Bromobenzene | 13 | U |
| 103-65-1 | n-Propylbenzene | 13 | U |
| 95-49-8 | 2-Chlorotoluene | 13 | U |
| 106-43-4 | 4-Chlorotoluene | 13 | U |
| 108-67-8 | 1,3,5-Trimethylbenzene | 13 | U |
| 98-06-6 | tert-Butylbenzene | 13 | U |
| 95-63-6 | 1,2,4-Trimethylbenzene | 13 | U |
| 135-98-8 | sec-Butylbenzene | 13 | U |
| 541-73-1 | 1,3-Dichlorobenzene | 13 | U |
| 99-87-6 | p-Isopropyltoluene | 13 | U |
| 106-46-7 | 1,4-Dichlorobenzene | 13 | U |
| 95-50-1 | 1,2-Dichlorobenzene | 13 | U J |
| 104-51-8 | n-Butylbenzene | 13 | U J |
| 96-12-8 | 1,2-Dibromo-3-chloropropane | 13 | U J |
| 120-82-1 | 1,2,4-Trichlorobenzene | 13 | U J |
| 91-20-3 | Naphthalene | 13 | U J |
| 87-68-3 | Hexachlorobutadiene | 13 | U J |
| 87-61-6 | 1,2,3-Trichlorobenzene | 13 | U J |

ag 5/27/99

**ecology and environment, inc.**
33 North Dearborn, Suite 900
Chicago, Illinois 60602
(312) 578-9243

International Specialists in the Environment
FAX: (312) 578-9345

# FAX TRANSMISSION FORM

| | |
|---|---|
| Date: 9/16/99 | Time: |
| Job Charge: | Total pages: 7 (including transmission form) |

To: Mark Bonsmore
Company: Illinois EPA
Fax phone: (217) 782-3258
From: Damon Sivers

IF THIS FAX IS INCOMPLETELY RECEIVED OR IS ILLEGIBLE, PLEASE CALL (312) 578-9243 FOR RETRANSMISSION.

Your Data — The lab mis labeled "LC-01" as "LC-02" for VOC, SVOCs, and Pesticides, but I wrote the correct number on those sheets. I also gave you the Nitrogen table from our draft report.

Damon

SEP 16 1999
FAXED

Analytical Results (Qualified Data)

Case #: 26996 SDG: MECAN9
Site: ALBURN INCINERATOR, SOUTHSIDE
Lab. : DATAC
Reviewer: J. GANZ
Date: JUNE 10, 1999

Number of Soil Samples : 0
Number of Water Samples : 12

| Sample Number: | MECAN9 | | MECAP0 | | MECAP1 | | MECAP2 | | MECAP3 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | C21S | | LC01 | | LC02 | | LC05 | | LC03 | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | |
| Time Sampled: | 11:25 | | 12:55 | | 13:15 | | 11:30 | | 14:00 | |
| % Solids: | 0.0 | | 0.0 | | 0.0 | | 0.0 | | 0.0 | |
| Dilution Factor: | 1.0 | | 1.0 | | 1.0 | | 1.0 | | 1.0 | |
| ANALYTE | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Aluminum | 828 | J | 8010 | J | 36000 | J | 30000 | J | 16800 | J |
| Antimony | 42.6 | U | 42.6 | U | 42.6 | U | 42.6 | U | 42.6 | U |
| Arsenic | 2.1 | U | 52.8 | UJ | 7.5 | | 25.3 | | 9.6 | |
| Barium | 942 | | 375 | | 621 | | 1090 | | 993 | |
| Beryllium | 0.33 | U | 0.33 | U | 1.1 | J | 0.65 | J | 0.33 | UJ |
| Cadmium | 4.4 | U | 8.0 | J | 4.4 | U | 5.7 | J | 4.5 | J |
| Calcium | 159000 | | 788000 | | 416000 | | 230000 | | 242000 | |
| Chromium | 5.7 | U | 341 | | 57.7 | | 238 | | 71.2 | |
| Cobalt | 23.1 | U | 76.9 | | 31.0 | | 25.8 | | 23.1 | U |
| Copper | 3.8 | J | 191 | J | 56.7 | J | 320 | J | 147 | J |
| Iron | 6930 | | 1370000 | | 42900 | | 88700 | | 70600 | |
| Lead | 5.0 | | 261 | | 64.5 | | 1320 | | 364 | |
| Magnesium | 95600 | | 429000 | | 220000 | | 83700 | | 113000 | |
| Manganese | 179 | | 12700 | | 1430 | | 8520 | | 1400 | |
| Mercury | 0.10 | UJ | 0.44 | J | 0.10 | UJ | 0.10 | UJ | 1.1 | J |
| Nickel | 27.0 | U | 1860 | | 170 | J | 48.0 | J | 57.7 | J |
| Potassium | 47900 | | 152000 | | 37600 | | 37900 | | 57500 | |
| Selenium | 2.0 | U | 14.4 | | 7.1 | J | 6.5 | J | 5.5 | J |
| Silver | 5.4 | U | 17.6 | | 5.4 | U | 5.4 | U | 5.4 | U |
| Sodium | 187000 | | 1350000 | | 404000 | | 356000 | | 203000 | |
| Thallium | 1.9 | U | 16.3 | J | 1.9 | U | 9.4 | U | 1.9 | U |
| Vanadium | 7.2 | | 74.3 | | 63.9 | | 192 | | 37.3 | |
| Zinc | 20.7 | | 47900 | | 184 | | 1280 | | 1630 | |
| Cyanide | - | | - | | - | | - | | - | |

Analytical Results (Qualified Data) 

:e #: 26996
SDG: ECRX8
..te: ALBURN INCINERATOR, SOUTHSIDE
Lab. : SWOK
Reviewer:
Date:

Number of Soil Samples : 0
Number of Water Samples : 20

LC-01

| Sample Number: | ECRX8 | | ECRX9 | | ECRX9DL | | ECRY0 | | ECRY1 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | LC-21S | | LC-02 | | LC-02 | | LC-02 | | LC-05 | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | |
| Time Sampled: | 14:25 | | 12:55 | | 12:55 | | 13:15 | | 11:30 | |
| %Moisture: | | | | | | | | | | |
| PH: | <2 | | 5 | | 5 | | <2 | | <2 | |
| Dilution Factor: | 1.0 | | 10.0 | | 200.0 | | 1.0 | | 1.0 | |
| Volatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Chloromethane | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Bromomethane | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Vinyl Chloride | 10 | U | 84 | J | 2000 | U | 10 | U | 10 | U |
| Chloroethane | 10 | U | 190 | | 2000 | U | 10 | U | 10 | U |
| Methylene Chloride | 10 | U | 22000 | | 19000 | J | 10 | UJ | 10 | U |
| Acetone | 10 | U | 5000 | | 6600 | | 10 | U | 10 | U |
| Carbon Disulfide | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| 1,1-Dichloroethene | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| 1,1-Dichloroethane | 10 | U | 1400 | | 2000 | U | 10 | U | 10 | U |
| Total 1,2-Dichloroethe | 10 | U | 750 | | 450 | J | 3 | J | 10 | U |
| Chloroform | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| 2-Dichloroethane | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Butanone | 10 | U | 3600 | | 2000 | U | 10 | U | 10 | U |
| 1,1,1-Trichloroethane | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Carbon Tetrachloride | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Bromodichloromethane | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| 1,2-Dichloropropane | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Cis-1,3-Dichloropropen | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Trichloroethene | 10 | U | 270 | | 2000 | U | 10 | U | 10 | U |
| Dibromochloromethane | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| 1,1,2-Trichloroethane | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Benzene | 21 | | 73 | J | 2000 | U | 10 | U | 10 | U |
| Trans-1,3-Dichloroprop | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Bromoform | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| 4-Methyl-2-pentanone | 10 | UJ | 390 | J | 2000 | UJ | 10 | UJ | 10 | UJ |
| 2-Hexanone | 10 | U | 100 | U | 2000 | UJ | 10 | UJ | 10 | U |
| Tetrachloroethene | 10 | U | 130 | | 2000 | U | 10 | U | 10 | U |
| 1,1,2,2-Tetrachloroeth | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Toluene | 1 | J | 3700 | | 3500 | | 10 | U | 10 | U |
| Chlorobenzene | 13 | | 100 | U | 2000 | U | 10 | U | 10 | U |
| Ethylbenzene | 10 | U | 240 | | 210 | J | 10 | U | 10 | U |
| Styrene | 10 | U | 100 | U | 2000 | U | 10 | U | 10 | U |
| Xylene (total) | 10 | U | 960 | | 680 | J | 2 | J | 10 | U |

:e #: 26996
CC:
Lab. :
Reviewer:
Date:

SDG: ECRX8
ALBURN INCINERATOR, SOUTHSIDE
SWOK

Number of Soil Samples : 0
Number of Water Samples : 20

LC-01

| Sample Number: | ECRX8 | | ECRX9 | | ECRY0 | | ECRY1 | | ECRY2 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | LC-21S | | LC-02 | | LC-02 | | LC-05 | | LC-03 | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | |
| Time Sampled: | 14:25 | | 12:55 | | 13:15 | | 11:30 | | 14:00 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.4 | | 6 | | 6.9 | | 8.7 | | 7.4 | |
| Dilution Factor: | 1.0 | | 10.0 | | 1.0 | | 1.0 | | 1.0 | |
| Semivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| Phenol | 10 | U | 3300 | | 10 | U | 10 | U | 10 | U |
| bis(2-Chloroethyl)ether | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 2-Chlorophenol | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 1,3-Dichlorobenzene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 1,4-Dichlorobenzene | 0.6 | J | 1000 | U | 10 | U | 10 | U | 0.6 | J |
| 1,2-Dichlorobenzene | 10 | U | 1000 | U | 10 | U | 11 | | 10 | U |
| 2-Methylphenol | 10 | U | 370 | J | 10 | U | 10 | U | 10 | U |
| 2,2'-oxybis(1-chloropropane) | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 4-Methylphenol | 10 | U | 3000 | | 10 | U | 10 | U | 1 | J |
| N-Nitroso-di-n-propylamine | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| Hexachloroethane | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 'trobenzene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| sophorone | 10 | U | 120 | J | 10 | U | 10 | U | 10 | U |
| 2-Nitrophenol | 10 | U | 1000 | U | 10 | U | 11 | | 10 | U |
| 2,4-Dimethylphenol | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| bis(2-Chloroethoxy)methane | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 2,4-Dichlorophenol | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 1,2,4-Trichlorobenzene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| Naphthalene | 10 | U | 1000 | U | 2 | J | 1 | J | .6 | J |
| 4-Chloroaniline | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| Hexachlorobutadiene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 4-Chloro-3-methylphenol | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 2-Methylnaphthalene | 10 | U | 1000 | U | 10 | U | 10 | U | 2 | J |
| Hexachlorocyclopentadiene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 2,4,6-Trichlorophenol | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 2,4,5-Trichlorophenol | 25 | U | 2500 | U | 25 | U | 25 | U | 25 | U |
| 2-Chloronaphthalene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 2-Nitroaniline | 25 | U | 2500 | U | 25 | U | 25 | U | 25 | U |
| Dimethylphthalate | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| Acenaphthylene | 10 | U | 1000 | U | 10 | U | 10 | U | 0.6 | J |
| 2,6-Dinitrotoluene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| 3-Nitroaniline | 25 | U | 2500 | U | 25 | U | 25 | U | 25 | U |

LC-01



| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ample Number: | ECRX8 | | ECRX9 | | ECRY0 | | ECRY1 | | ECRY2 | |
| ampling Location: | LC-21S | | LC-01 | | LC-02 | | LC-05 | | LC-03 | |
| atrix: | Water | | Water | | Water | | Water | | Water | |
| nits: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| ate Sampled: | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | |
| ime Sampled: | 14:25 | | 12:55 | | 13:15 | | 11:30 | | 14:00 | |
| Moisture: | | | | | | | | | | |
| H: | 7.4 | | 6 | | 6.9 | | 8.7 | | 7.4 | |
| lution Factor: | 1.0 | | 10.0 | | 1.0 | | 1.0 | | 1.0 | |
| emivolatile Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| cenaphthene | 10 | U | 1000 | U | 10 | U | 0.5 | J | 5 | J |
| ,4-Dinitrophenol | 25 | U | 2500 | U | 25 | U | 25 | U | 25 | U |
| -Nitrophenol | 25 | U | 2500 | U | 25 | U | 25 | U | 25 | U |
| ibenzofuran | 10 | U | 1000 | U | 10 | U | 10 | U | 2 | J |
| ,4-Dinitrotoluene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| iethylphthalate | 0.5 | J | 230 | J | 0.5 | J | 0.6 | J | 0.7 | J |
| -Chlorophenyl-phenylether | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| luorene | 10 | U | 1000 | U | 10 | U | 0.7 | J | 3 | J |
| -Nitroaniline | 25 | U | 2500 | U | 25 | U | 25 | U | 25 | U |
| ,6-Dinitro-2-methylphenol | 25 | U | 2500 | U | 25 | U | 25 | U | 25 | U |
| -Nitrosodiphenylamine | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| -Bromophenyl-phenylether | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| lexachlorobenzene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| entachlorophenol | 25 | U | 2500 | U | 25 | U | 25 | U | 25 | U |
| nthrene | 10 | U | 1000 | U | 1 | J | 3 | J | 8 | J |
| racene | 10 | U | 1000 | U | 10 | U | 0.7 | J | 2 | J |
| arbazole | 10 | U | 1000 | U | 10 | U | 10 | U | 3 | J |
| i-n-butylphthalate | 10 | U | 1000 | U | 0.9 | J | 1 | J | 1 | J |
| luoranthene | 10 | U | 1000 | U | 5 | J | 2 | J | 4 | J |
| yrene | 10 | U | 1000 | UJ | 4 | J | 2 | J | 5 | J |
| utylbenzylphthalate | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| ,3'-Dichlorobenzidine | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| enzo(a)anthracene | 10 | U | 1000 | U | 2 | J | 0.7 | J | 2 | J |
| hrysene | 10 | U | 1000 | U | 3 | J | 0.7 | J | 2 | J |
| is(2-Ethylhexyl)phthalate | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| i-n-octylphthalate | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| Benzo(b)fluoranthene | 10 | U | 1000 | U | 3 | J | 10 | U | 2 | J |
| Benzo(k)fluoranthene | 10 | U | 1000 | U | 2 | J | 10 | U | 2 | J |
| Benzo(a)pyrene | 10 | U | 1000 | U | 2 | J | 0.5 | J | 2 | J |
| Indeno(1,2,3-cd)pyrene | 10 | U | 1000 | U | 2 | J | 10 | U | 1 | J |
| Dibenz(a,h)anthracene | 10 | U | 1000 | U | 10 | U | 10 | U | 10 | U |
| Benzo(g,h,i)perylene | 10 | U | 1000 | U | 2 | J | 10 | U | 0.8 | J |

#: 26996 SDG: ECRX8
Site: ALBURN INCINERATOR, SOUTHSIDE
Lab. : SWOK
Reviewer:
Date:

Number of Soil Samples : 0
Number of Water Samples : 20

LC-01

| Sample Number: | ECRX8 | | ECRX8DL | | ECRX9 | | ECRX9DL | | ECRY9 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sampling Location: | LC-21S | | LC-21S | | LC-02 | | LC-02 | | LC-02 | |
| Matrix: | Water | | Water | | Water | | Water | | Water | |
| Units: | ug/L | | ug/L | | ug/L | | ug/L | | ug/L | |
| Date Sampled: | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | | 05/10/99 | |
| Time Sampled: | 14:25 | | 14:25 | | 12:55 | | 12:55 | | 13:15 | |
| %Moisture: | | | | | | | | | | |
| PH: | 7.4 | | 7.4 | | 6 | | 6 | | 6.9 | |
| Dilution Factor: | 1.0 | | 10.0 | | 1.0 | | 10.0 | | 1.0 | |
| Pesticide/PCB Compound | Result | Flag | Result | Flag | Result | Flag | Result | Flag | Result | Flag |
| alpha-BHC | 0.050 | U | 0.50 | U | 0.050 | UJ | 0.50 | U | 0.050 | U |
| beta-BHC | 0.050 | U | 0.50 | U | 0.28 | J | 0.50 | U | 0.050 | U |
| delta-BHC | 0.050 | U | 0.50 | U | 0.15 | J | 0.16 | J | 0.050 | U |
| gamma-BHC (Lindane) | 0.050 | U | 0.50 | U | 0.050 | UJ | 0.50 | U | 0.050 | U |
| Heptachlor | 0.050 | U | 0.50 | U | 0.050 | UJ | 0.63 | J | 0.050 | U |
| Aldrin | 0.050 | U | 0.50 | U | 0.050 | UJ | 0.50 | U | 0.050 | U |
| Heptachlor Epoxide | 0.050 | U | 0.50 | U | 0.050 | UJ | 0.50 | U | 0.050 | U |
| Endosulfan I | 0.050 | U | 0.50 | U | 0.050 | UJ | 0.50 | U | 0.050 | U |
| Dieldrin | 0.10 | U | 1.0 | U | 0.10 | UJ | 1.0 | U | 0.10 | U |
| 4,4'-DDE | 0.10 | U | 1.0 | U | 0.10 | UJ | 1.0 | U | 0.10 | U |
| Endrin | 0.10 | UJ | 1.0 | U | 0.10 | UJ | 1.0 | U | 0.10 | UJ |
| Endosulfan II | 0.10 | U | 1.0 | U | 0.10 | UJ | 1.0 | U | 0.10 | U |
| 4,4'-DDD | 0.10 | U | 1.0 | U | 0.10 | UJ | 1.0 | U | 0.10 | U |
| Endosulfan Sulfate | 0.10 | U | 1.0 | U | 0.10 | UJ | 1.0 | U | 0.10 | U |
| 4,4'-DDT | 0.10 | UJ | 1.0 | U | 0.10 | UJ | 1.0 | U | 0.10 | UJ |
| Methoxychlor | 0.50 | UJ | 5.0 | U | 0.50 | UJ | 5.0 | U | 0.50 | UJ |
| Endrin Ketone | 0.10 | U | 1.0 | U | 0.10 | UJ | 1.0 | U | 0.10 | U |
| Endrin Aldehyde | 0.10 | U | 1.0 | U | 0.12 | J | 1.0 | U | 0.10 | U |
| alpha-Chlordane | 0.050 | U | 0.50 | U | 0.050 | UJ | 0.50 | U | 0.050 | U |
| gamma-Chlordane | 0.050 | U | 0.50 | U | 0.050 | UJ | 0.50 | U | 0.050 | U |
| Toxaphene | 5.0 | U | 50 | U | 5.0 | UJ | 50 | U | 5.0 | U |
| Aroclor-1016 | 1.0 | U | 10 | U | 1.0 | UJ | 10 | U | 1.0 | U |
| Aroclor-1221 | 2.0 | U | 20 | U | 2.0 | UJ | 20 | U | 2.0 | U |
| Aroclor-1232 | 1.0 | U | 10 | U | 1.0 | UJ | 10 | U | 1.0 | U |
| Aroclor-1242 | 1.0 | U | 10 | U | 1.0 | UJ | 10 | U | 1.0 | U |
| Aroclor-1248 | 1.0 | U | 10 | U | 1.0 | UJ | 10 | U | 1.0 | U |
| Aroclor-1254 | 1.0 | U | 10 | U | 1.0 | UJ | 10 | U | 1.0 | U |
| Aroclor-1260 | 1.0 | U | 10 | U | 1.0 | UJ | 10 | U | 1.0 | U |

Table D-9

WATER NITROGEN RESULTS
LAKE CALUMET CLUSTER SITE
CHICAGO, ILLINOIS
MAY 3-5, 1999

Units -mg/L

| Sample Designation | Ammonia | Total Cyanide | Nitrogen (TKN) | Nitrate-Nitrite |
|---|---|---|---|---|
| L1W | 0.405 | ND | ND | 0.22 |
| L1WD | 0.408 | 0.011 | ND | 0.205 |
| L2W | 2.22 | 0.01 | 2.52 | 0.616 |
| L3W | 71.5 | 0.013 | 87.6 | 0.464 |
| IRP-1 | ND | ND | 4.2 | ND |
| IRP-2 | ND | ND | 2.8 | ND |
| IRP-3 | 0.581 | 0.01 | 6.16 | 0.037 |
| IRP-4 | 0.267 | ND | 5.04 | ND |
| IRP-5 | 0.702 | ND | 5.6 | 0.083 |
| IRP-6 | 0.635 | 0.013 | 2.8 | 0.037 |
| IRP-7 | 0.545 | ND | 4.2 | ND |
| IRP-8 | ND | ND | 3.92 | ND |
| P-04 | 63.6 | 0.016 | 118 | ND |
| P-03 | 168 | 0.017 | 158 | ND |
| P-02 | 230 | 0.035 | 248 | ND |
| P-01 | 296 | 0.025 | 321 | ND |
| AW1 | 16.9 | 0.025 | 25.9 | ND |
| AW2 | 49.2 | 0.012 | 50 | ND |
| AW3 | ND | 0.011 | ND | ND |
| AW3D | ND | 0.016 | 2.38 | ND |
| AW4 | ND | ND | ND | 0.281 |
| LC-09 | 504 | 0.048 | ND | ND |
| LC-10 | 413 | 0.255 | 417 | ND |
| LC-07 | 37.3 | 0.078 | 98.1 | ND |
| P-05 | 215 | 0.055 | 178 | ND |
| LC-11 | 52 | 0.016 | 67.6 | 0.05 |
| LC-12 | 61.8 | 0.014 | 65.1 | ND |
| LC-13 | 100 | 0.042 | 107 | ND |
| LC-04 | 44.5 | 0.012 | 47.5 | ND |
| LC-06 | 146 | 0.029 | 164 | ND |
| G21S | 20.7 | 0.014 | 19.7 | ND |
| LC-01 | 540 | 0.014 | 517 | ND |
| LC02 | 45.7 | 0.016 | 27.9 | ND |
| LC-05 | 56.1 | 0.031 | 39.3 | ND |
| LC-03 | 18.5 | 0.034 | 23.1 | ND |

Key:

mg/L = Milligrams per liter.
TKN = Total Kjeldahl Nitrogen.
ND = Not detected.

Source: American Technical & Analytical Services, Inc., Maryland Heights, Missouri.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : B905737
SAMPLING POINT DESC. : PR44000 INTERLAKE PROPERTY G102

SUBMITTING SOURCE # : SITE # : 0316000025
DATE COLLECTED : 990427 TIME COLLECTED : 1630 SAMPLING PROGRAM :

COLLECTED BY : BOB CASPER DELIVERED BY : FEDX
COMMENTS :
FUNDING CODE : LP52 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0 REPORTING INDICATOR : B

DATE RECEIVED : 990430 TIME RECEIVED : 1000 RECEIVED BY : PMD
LAB OBSERVATIONS : TRIP BL SAM# :
SUPERVISORS INITIALS : SMM NOTE : K = LESS THAN VALUE

P00945 SULFATE,TOTAL MG/L : 10K

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : B905738
SAMPLING POINT DESC. : PR44000 INTERLAKE PROPERTY G102

SUBMITTING SOURCE # : SITE # : 0316000025
DATE COLLECTED : 990427 TIME COLLECTED : 1630 SAMPLING PROGRAM :

COLLECTED BY : BOB CASPER DELIVERED BY : FEDX
COMMENTS :
FUNDING CODE : LP52 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0 REPORTING INDICATOR : B

DATE RECEIVED : 990430 TIME RECEIVED : 1000 RECEIVED BY : PMD
LAB OBSERVATIONS : TRIP BL SAM# :
SUPERVISORS INITIALS : SMP NOTE : K = LESS THAN VALUE

P00610 AMMONIA-N,TOTAL MG/L : 83

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : B905739
SAMPLING POINT DESC. : PR44000 INTERLAKE PROPERTY G103

SUBMITTING SOURCE # : SITE # : 0316000025
DATE COLLECTED : 990427 TIME COLLECTED : 1600 SAMPLING PROGRAM :

COLLECTED BY : BOB CASPER DELIVERED BY : FEDX
COMMENTS :
FUNDING CODE : LP52 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0 REPORTING INDICATOR : B

DATE RECEIVED : 990430 TIME RECEIVED : 1000 RECEIVED BY : PMD
LAB OBSERVATIONS : TRIP BL SAM# :
SUPERVISORS INITIALS : SMM NOTE : K = LESS THAN VALUE

P00945 SULFATE,TOTAL MG/L : 729.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : B905740
SAMPLING POINT DESC. : PR44000 INTERLAKE PROPERTY G103

SUBMITTING SOURCE # : SITE # : 0316000025
DATE COLLECTED : 990427 TIME COLLECTED : 1600 SAMPLING PROGRAM :

COLLECTED BY : BOB CASPER DELIVERED BY : FEDX
COMMENTS :
FUNDING CODE : LP52 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0 REPORTING INDICATOR : B

DATE RECEIVED : 990430 TIME RECEIVED : 1000 RECEIVED BY : PMD
LAB OBSERVATIONS : TRIP BL SAM# :
SUPERVISORS INITIALS : SMP NOTE : K = LESS THAN VALUE

P00610 AMMONIA-N,TOTAL MG/L : 24

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : B905741
SAMPLING POINT DESC. : PR44000 INTERLAKE PROPERTY G104

SUBMITTING SOURCE # : SITE # : 0316000025
DATE COLLECTED : 990427 TIME COLLECTED : 1600 SAMPLING PROGRAM :

COLLECTED BY : BOB CASPER DELIVERED BY : FEDX
COMMENTS :
FUNDING CODE : LP52 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0 REPORTING INDICATOR : B

DATE RECEIVED : 990430 TIME RECEIVED : 1000 RECEIVED BY : PMD
LAB OBSERVATIONS : TRIP BL SAM# :
SUPERVISORS INITIALS : SMM NOTE : K = LESS THAN VALUE

P00945 SULFATE,TOTAL MG/L : 718.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

SAMPLE NUMBER : B905742
SAMPLING POINT DESC. : PR44000 INTERLAKE PROPERTY G104

SUBMITTING SOURCE # : SITE # : 0316000025
DATE COLLECTED : 990427 TIME COLLECTED : 1600 SAMPLING PROGRAM :

COLLECTED BY : BOB CASPER DELIVERED BY : FEDX
COMMENTS :
FUNDING CODE : LP52 AGENCY ROUTING : 00 UNIT CODE :
SAM TYPE CODE : SAMPLE PURPOSE CODE : 0 REPORTING INDICATOR : B

DATE RECEIVED : 990430 TIME RECEIVED : 1000 RECEIVED BY : PMD
LAB OBSERVATIONS : TRIP BL SAM# :
SUPERVISORS INITIALS : SMP NOTE : K = LESS THAN VALUE

P00610 AMMONIA-N,TOTAL MG/L : 26