3.6.4

Superfund Records Center
SITE: Salem Acres
BREAK: 3.6
OTHER: 19676

SALEM ACRES

REMEDIAL INVESTIGATION REPORT

APPENDIX "H"

May 29, 1992

URS CONSULTANTS
3605 Warrensville Center Road, Cleveland, Ohio 44122 (216) 283-4000

FOREWORD

This Remedial Investigation Report for the Salem Acres Superfund Site in Salem, Massachusetts, represents a combined effort by the Maguire Group, Inc. (Maguire) and URS Consultants, Inc. (URS). Maguire, as general contractor, oversaw field investigation activities and was responsible for data compilation and the preparation of Chapters 1, 2, 3 and 5 of this Report, as well as all Report Appendices. URS, as a subcontractor to Maguire, utilized the information in the above sections and was responsible for the revision and preparation of Chapters 4, 6 and the Executive Summary.

Robert A. Watts, P.E.
Vice President
Maguire Group, Inc.

Daniel W. Rothman, P.E.
Project Manger
URS Consultants, Inc.

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APPENDIX "H"

APPENDIX H
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MGI AIR DATA

Environmental Standards, Inc.

Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 (215) 935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - AIR DATA

August 9, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, MA 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

A. PCB DATA

CleanHarbors

.ient: Maguire Group
Sample ID: ASTM#1
Sample Type: FILTER

CHAS Lab #: 89X04082-01
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/22/89
Analysis Date: 5/25/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	100	ND
PCB-Aroclor 1221	100	ND
PCB-Aroclor 1232	100	ND
PCB-Aroclor 1242	100	ND
PCB-Aroclor 1248	100	ND
PCB-Aroclor 1254	100	ND
PCB-Aroclor 1260	100	ND

'otes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#2
Sample Type: FILTER

CHAS Lab #: 89X04082-02
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/22/89
Analysis Date: 5/25/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	100	ND
PCB-Aroclor 1221	100	ND
PCB-Aroclor 1232	100	ND
PCB-Aroclor 1242	100	ND
PCB-Aroclor 1248	100	ND
PCB-Aroclor 1254	100	ND
PCB-Aroclor 1260	100	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#3
Sample Type: FILTER

CHAS Lab #: 89X04082-03
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/25/89
Analysis Date: 5/26/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	30	ND
PCB-Aroclor 1221	30	ND
PCB-Aroclor 1232	30	ND
PCB-Aroclor 1242	30	ND
PCB-Aroclor 1248	30	ND
PCB-Aroclor 1254	30	ND
PCB-Aroclor 1260	30	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#4
Sample Type: FILTER

CHAS Lab #: 89X04082-04
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/25/89
Analysis Date: 5/26/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	30	ND
PCB-Aroclor 1221	30	ND
PCB-Aroclor 1232	30	ND
PCB-Aroclor 1242	30	ND
PCB-Aroclor 1248	30	ND
PCB-Aroclor 1254	30	ND
PCB-Aroclor 1260	30	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#5
Sample Type: FILTER

CHAS Lab #: 89X04082-05
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/25/89
Analysis Date: 5/26/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	30	ND
PCB-Aroclor 1221	30	ND
PCB-Aroclor 1232	30	ND
PCB-Aroclor 1242	30	ND
PCB-Aroclor 1248	30	ND
PCB-Aroclor 1254	30	ND
PCB-Aroclor 1260	30	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#6
Sample Type: FILTER

CHAS Lab #: 89X04082-06
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/25/89
Analysis Date: 5/26/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	30	ND
PCB-Aroclor 1221	30	ND
PCB-Aroclor 1232	30	ND
PCB-Aroclor 1242	30	ND
PCB-Aroclor 1248	30	ND
PCB-Aroclor 1254	30	ND
PCB-Aroclor 1260	30	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#1
Sample Type: FILTER

CHAS Lab #: 89X04081-01
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/22/89
Analysis Date: 5/25/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	100	ND
PCB-Aroclor 1221	100	ND
PCB-Aroclor 1232	100	ND
PCB-Aroclor 1242	100	ND
PCB-Aroclor 1248	100	ND
PCB-Aroclor 1254	100	ND
PCB-Aroclor 1260	100	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#2
Sample Type: FILTER

CHAS Lab #: 89X04081-02
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date:5/22/89
Analysis Date: 5/25/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	100	ND
PCB-Aroclor 1221	100	ND
PCB-Aroclor 1232	100	ND
PCB-Aroclor 1242	100	ND
PCB-Aroclor 1248	100	ND
PCB-Aroclor 1254	100	ND
PCB-Aroclor 1260	100	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#3
Sample Type: FILTER

CHAS Lab #: 89X04081-03
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/22/89
Analysis Date: 5/25/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	100	ND
PCB-Aroclor 1221	100	ND
PCB-Aroclor 1232	100	ND
PCB-Aroclor 1242	100	ND
PCB-Aroclor 1248	100	ND
PCB-Aroclor 1254	100	ND
PCB-Aroclor 1260	100	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#4
Sample Type: FILTER

CHAS Lab #: 89X04081-04
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/22/89
Analysis Date: 5/25/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	100	ND
PCB-Aroclor 1221	100	ND
PCB-Aroclor 1232	100	ND
PCB-Aroclor 1242	100	ND
PCB-Aroclor 1248	100	ND
PCB-Aroclor 1254	100	ND
PCB-Aroclor 1260	100	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#5
Sample Type: FILTER

CHAS Lab #: 89X04081-05
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/22/89
Analysis Date: 5/25/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	100	ND
PCB-Aroclor 1221	100	ND
PCB-Aroclor 1232	100	ND
PCB-Aroclor 1242	100	ND
PCB-Aroclor 1248	100	ND
PCB-Aroclor 1254	100	ND
PCB-Aroclor 1260	100	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

Client: Maguire Group
Sample ID: ASTM#6
Sample Type: FILTER

CHAS Lab #: 89X04081-06
Date Received: 4/20/89

Polychlorinated Biphenyls (PCB's)
by EPA Method 8080 (ref. c)

Extraction Date: 5/22/89
Analysis Date: 5/25/89

Parameter	MDL*	Concentration*
PCB-Aroclor 1016	100	ND
PCB-Aroclor 1221	100	ND
PCB-Aroclor 1232	100	ND
PCB-Aroclor 1242	100	ND
PCB-Aroclor 1248	100	ND
PCB-Aroclor 1254	100	ND
PCB-Aroclor 1260	100	ND

Notes: ND = Below minimum detectable level(MDL)
* = total ng

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#1 8/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-01P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

Client: Maguire Group Inc.
Sample I.D.: ASM#2 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-02P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#3 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-03P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#4 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-04P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#5 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-05P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

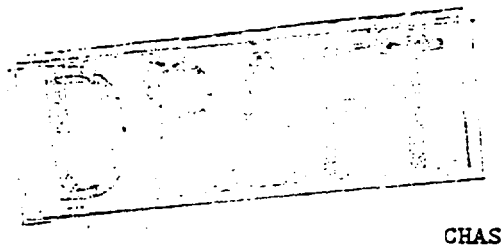
Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors



Client: Maguire Group Inc.
Sample I.D.: ASM#6 08/29/89
Sample Type: Air quality monitoring

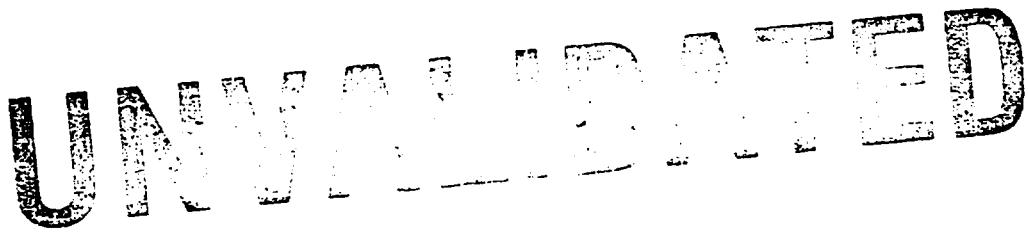
CHAS Lab #: 89X08109-06P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)



CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: Media Blank 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-07?
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#1 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-01P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#2 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-02P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNAUTHORIZED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#3 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-03P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#4 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-04P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#5 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-05P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#6 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-06P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

CleanHarbors

Client: Maguire Group Inc.
Sample I.D.: Media Blank 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-07P
Date Received: 08/30/89

Polychlorinated Biphenyls (PCB's)
by NIOSH Method 5503

Extraction Date: 09/05/89
Analysis Date: 09/07/89

Parameter	MDL	Concentration	Units
PCB - Aroclor 1016	0.005	ND	mg/cu meter
PCB - Aroclor 1221	0.005	ND	mg/cu meter
PCB - Aroclor 1232	0.005	ND	mg/cu meter
PCB - Aroclor 1242	0.005	ND	mg/cu meter
PCB - Aroclor 1248	0.005	ND	mg/cu meter
PCB - Aroclor 1254	0.005	ND	mg/cu meter
PCB - Aroclor 1260	0.005	ND	mg/cu meter

Notes: ND = Below minimum detectable level (MDL)

UNVALIDATED

B. SPECIAL METAL DATA

CleanHarbors

ient: MAGUIRE GROUP
Sample I.D.: ASM#1
Sample Type: FILTER

CHAS Lab #: 89X04082-01M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	0.0033-U	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	0.0013-J	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	0.0015-J	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	0.001-U	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	0.005-J	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.0175	ND	mg/cu meter	05/05/89	Mod.7300(c)
Zinc - Total	0.0005	0.0035-U	mg/cu meter	05/05/89	Mod.7300(c)

es: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#2
Sample Type: FILTER

CHAS Lab #: 89X04082-02M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	0.0010-U	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND-UJ	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
ic - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#3
Sample Type: FILTER

CHAS Lab #: 89X04082-03M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND-LT	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
c - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#4
Sample Type: FILTER

CHAS Lab #: 89X04082-04M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND-U3	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
: - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#5
Sample Type: FILTER

CHAS Lab #: 89X04082-05M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	0.005	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
Zinc - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#6
Sample Type: FILTER

CHAS Lab #: 89X04082-06M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	0.003-U	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND-UJ	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
allium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
nc - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#1
Sample Type: FILTER

CHAS Lab #: 89X04081-01M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	0.002-U	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND-UJ	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
Zinc - Total	0.0005	0.002-U	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#2
Sample Type: FILTER

CHAS Lab #: 89X04081-02M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND - U J	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
ıllium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
c - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#3
Sample Type: FILTER

CHAS Lab #: 89X04081-03M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	0.0013-U	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND-U	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	0.0004	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
allium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
c - Total	0.0005	0.0020-U	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#4
Sample Type: FILTER

CHAS Lab #: 89X04081-04M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	0.0027 U	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND U	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
[illegible] - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#5
Sample Type: FILTER

CHAS Lab #: 89X04081-05M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND-UJ	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
Zinc - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

Client: MAGUIRE GROUP
Sample I.D.: ASM#6
Sample Type: FILTER

CHAS Lab #: 89X04081-06M
Date Received: 04/20/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Arsenic - Total	0.015	ND	mg/cu meter	05/05/89	Mod.7300(c)
Barium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Beryllium - Total	0.0005	ND-UJ	mg/cu meter	05/05/89	Mod.7300(c)
Cadmium - Total	0.0008	ND	mg/cu meter	05/05/89	Mod.7300(c)
Chromium - Total	0.001	ND	mg/cu meter	05/05/89	Mod.7300(c)
Copper - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Lead - Total	0.013	ND	mg/cu meter	05/05/89	Mod.7300(c)
Mercury - Total	0.0002	ND	mg/cu meter	05/09/89	Mod.7300(c)
Nickel - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Selenium - Total	0.010	ND	mg/cu meter	05/05/89	Mod.7300(c)
Silver - Total	0.003	ND	mg/cu meter	05/05/89	Mod.7300(c)
Thallium - Total	0.017	ND	mg/cu meter	05/05/89	Mod.7300(c)
c - Total	0.0005	ND	mg/cu meter	05/05/89	Mod.7300(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#1 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-01F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-UJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-UJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	0.0008-U	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#2 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-02F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-U J	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-U J	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	0.0005-U	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

Client: Maguire Group Inc.
Sample I.D.: ASM#3 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-03F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-U3	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-U3	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	0.01	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#4 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-04F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	0.01-U	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-UJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-UJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#6 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-06F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-UJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-UJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: Media Blank 08/29/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08109-07F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-U3	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-U3	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#1 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-01F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-uJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-uJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#2 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-02F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND - UJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND - UJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#3 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-03F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND - uJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND - uJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM=4 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-04F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-UJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-UJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

DRAFT

Client: Maguire Group Inc.
Sample I.D.: ASM#5 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-05F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-UJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-UJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

Client: Maguire Group Inc.
Sample I.D.: ASM#6 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-06F
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-UJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-UJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

CleanHarbors

Client: Maguire Group Inc.
Sample I.D.: Media Blank 08/30/89
Sample Type: Air quality monitoring

CHAS Lab #: 89X08110-07E
Date Received: 08/30/89

Parameter	MDL	Result	Units	Analysis Date	Method Number and Reference
Antimony - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Arsenic - Total	0.02	ND	mg/cu meter	09/11/89	6010(c)
Barium - Total	0.0007	ND	mg/cu meter	09/11/89	6010(c)
Beryllium - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)
Cadmium - Total	0.0007	ND-uJ	mg/cu meter	09/11/89	6010(c)
Chromium - Total	0.001	ND	mg/cu meter	09/11/89	6010(c)
Copper - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Lead - Total	0.012	ND-uJ	mg/cu meter	09/11/89	6010(c)
Mercury - Total	0.0004	ND	mg/cu meter	09/14/89	7470(c)
Nickel - Total	0.003	ND	mg/cu meter	09/11/89	6010(c)
Selenium - Total	0.01	ND	mg/cu meter	09/11/89	6010(c)
Silver - Total	0.004	ND	mg/cu meter	09/11/89	6010(c)
Thallium - Total	0.018	ND	mg/cu meter	09/11/89	6010(c)
Zinc - Total	0.0005	ND	mg/cu meter	09/11/89	6010(c)

Notes: ND = Below minimum detectable level (MDL)
All final metal results are blank corrected when necessary.

UNVALIDATED

MGI DRUMMED SLUDGE DATA

Environmental Standards, Inc.
Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 (215) 935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - DRUM SAMPLES

September 11, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, Massachusetts 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

A. SEMIVOLATILE (BNA) ORGANICS

SALEM ACRES RI/FS SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	(BA-1A)	(BA-2B)	(BA-1B)	(BA-2B)	(BA-3B)	(BA-1C 14:15)	(BA-1C 14:30)	(BA-2C 17:00)	(BA-2C 17:30)	BRUN X
Phenol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
bis(Chloroethyl) ether	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Chlorophenol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
1,3-Dichlorobenzene	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
1,4-Dichlorobenzene	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Benzyl alcohol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
1,2-Dichlorobenzene	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2-Methylphenol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
bis(Chloroisopropyl) ether	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
4-Methylphenol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
N-Nitro-di-n-propylamine	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Hexachloroethane	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Nitrobenzene	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Isophorone	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2-Nitrophenol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2,4-Dimethylphenol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Benzoic acid	1650	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
bis(Chloroethoxy)methane	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2,4-Dichlorophenol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
1,2,4-Trichlorobenzene	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Naphthalene	330	UD	1200000 J	700000	30000 J	300000 J	190000	930000	360000	180000	190000 J
4-Chloroaniline	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Hexachlorobutadiene	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
4-Chloro-3-methylphenol	330	UD	UD UJ	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2-Methylnaphthalene	330	UD	130000 J	120000	7500 J	320000 J	420000	820000	160000	74000	36000 J
Hexachlorocyclopentadiene	330	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2,4,6-Trichlorophenol	330	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2,4,5-Trichlorophenol	1650	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2-Chloronaphthalene	330	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2-Nitroaniline	1650	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Dimethyl phthalate	330	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Acenaphthylene	330	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
2,6-Dinitrotoluene	330	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
3-Nitroaniline	1650	UD	UD	UD	UD UJ	UD UJ	UD	UD	UD	UD	UD UJ
Quantitation Limit Multiplier		2.3	1300	1200	50	210	580	480	970	580	300

UD: COMPOUND WAS NOT DETECTED.
B: THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED" SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.
UJ: THIS COMPOUND WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.
J: THE QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).
*: UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

SALEM ACRES RI/FS SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	(DA-1A)	(DA-2A)	(DA-1B)	(DA-2B)	(DA-1D)	(DA-1C 14:15)	(DA-1C 14:30)	(DA-2C 17:00)	(DA-2C 17:30)	DUP X
Acenaphthene	330	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ
2,4-Dinitrophenol	1650	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ
4-Nitrophenol	1650	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ
Dibenzofuran	330	ND	ND	ND	ND UJ	17000 UJ	ND	ND	ND	ND	ND UJ
2,4-Dinitrotoluene	330	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ
Diethyl phthalate	330	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ
4-Chlorophenyl phenyl ether	330	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ
Fluorene	330	ND	ND	ND	ND UJ	20000 J	ND	26000	ND	ND	ND UJ
4-Nitroaniline	1650	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ
4,6-Dinitro-2-methylphenol	1650	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND UJ
N-Nitrosodiphenylamine	330	ND	ND	ND	ND UJ	ND	ND	ND	44000	ND	ND UJ
4-Bromophenyl phenyl ether	330	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND UJ
Hexachlorobenzene	330	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND UJ
Pentachlorophenol	1650	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND UJ
Phenanthrene	330	ND	ND	ND	2300 J	34000	31000	38000	ND	ND	ND UJ
Anthracene	330	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND UJ
Di-n-butyl phthalate	330	190 U	ND	150000 U	ND UJ	ND	60000 U	38000 U	92000 U	56000 U	ND UJ
Fluoranthene	330	ND	ND	ND	2400 J	9500	ND	ND	ND	ND	ND UJ
Pyrene	330	ND	ND	ND	ND	13000	ND	ND	ND	ND	ND UJ
Butyl benzyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND UJ
3,3'-Dichlorobenzidine	660	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND UJ
Benzo(a)anthracene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND UJ
Chrysene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND UJ
bis (2-Ethylhexyl) phthalate	330	120 *	58000 *	87000 *	4100 *	ND	ND	ND	73000 *	ND	ND
Di-n-octyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (b) Fluoranthene	330	ND	55000 J	ND	2400 J	ND	ND	ND	ND	ND	ND
Benzo (k) Fluoranthene	330	ND	55000 J	ND	2400 J	ND	ND	ND	ND	ND	ND
Benzo (a) pyrene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		2.3	1300	1200	58	210	580	480	970	580	300

ND: COMPOUND WAS NOT DETECTED.
B: THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED" SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.
UJ: THIS COMPOUND WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.
J: THE QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).
*: UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

B. SEMIVOLATILE TICs

Enseco
- CORNING Company

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DA2A
Lab ID: 003016-0001-SA Enseco ID: 2017894
Matrix: SOIL Sampled: 21 MAR 89 Received: 21 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 03 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C9H20 isomer	4200000 J	ug/kg	NA
Trimethyl benzene isomer	6200000 J	ug/kg	NA
C10H20 isomer	3200000 J	ug/kg	NA
Trimethyl benzene isomer	7200000 J	ug/kg	NA
C10H22 isomer	25000000 J	ug/kg	NA
Diethylbenzene isomer	5300000 J	ug/kg	NA
C11H24 isomer	8300000 J	ug/kg	NA
Alkyl-substituted cyclohexane	4400000 J	ug/kg	NA
Unknown	3200000 J	ug/kg	NA
Methylpropylbenzene isomer	3500000 J	ug/kg	NA
Unknown alkane	4400000 J	ug/kg	NA
Unknown hydrocarbon	3700000 J	ug/kg	NA
Ethyldimethylbenzene isomer	4200000 J	ug/kg	NA
C4-benzene isomer	3900000 J	ug/kg	NA
C11H24 isomer	23000000 J	ug/kg	NA
Tetramethyl benzene isomer	3200000 J	ug/kg	NA
Tetradecanoic acid	9000000 J	ug/kg	NA
Hexadecanoic acid	2500000 J	ug/kg	NA
Unknown alkenoic acid	15000000 J	ug/kg	NA
Octadecanoic acid	5800000 J	ug/kg	NA

Percent Moisture is 57%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Paula DiMattei Approved By: Linda Cook

Enseco
A CORNING Company

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DA-1B
Lab ID: 003006-0001-SA Enseco ID: 2017898
Matrix: SOIL Sampled: 20 MAR 89 Received: 20 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
C10H22 isomer	5200000	ug/kg	NA
Ethyl methyl benzene isomer	4100000	ug/kg	NA
Trimethyl benzene isomer	5200000	ug/kg	NA
Unknown	6200000	ug/kg	NA
TID Compound 5	5800000	ug/kg	NA
Unknown alkane	21000000	ug/kg	NA
C4-benzene isomer	4100000	ug/kg	NA
C11H24 isomer	8700000	ug/kg	NA
C10H18 isomer	3700000	ug/kg	NA
C4-benzene isomer	4700000	ug/kg	NA
Unknown alkane	4900000	ug/kg	NA
Unknown alkane	3900000	ug/kg	NA
Unknown alkane	3700000	ug/kg	NA
C4-benzene isomer	4300000	ug/kg	NA
Undecane	14000000	ug/kg	NA
Unknown alkanoic acid	5600000	ug/kg	NA
Unknown alkanoic acid	17000000	ug/kg	NA
Unknown	8700000	ug/kg	NA
Unknown	3100000	ug/kg	NA
Unknown alkanoic acid	12000000	ug/kg	NA

Percent Moisture is 49%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Linda Cook Approved By: Peter Kane

Enseco
A CORNING Company

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DA-1A
Lab ID: 003006-0002-SA Enseco ID: 2017899
Matrix: SOIL Sampled: 20 MAR 89 Received: 20 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
C13H28 isomer	5700	ug/kg	NA
Unknown	4100	ug/kg	NA
Unknown alkane	7000	ug/kg	NA
Unknown alkane	8300	ug/kg	NA
Unknown alkane	11000	ug/kg	NA
Unknown	6300	ug/kg	NA
Unknown	8300	ug/kg	NA
Unknown	6300	ug/kg	NA
Unknown alkane	10000	ug/kg	NA
Unknown alkane	7300	ug/kg	NA
Unknown	6000	ug/kg	NA
Unknown	4800	ug/kg	NA
C19H40 isomer	7700	ug/kg	NA
Sulfur, mol. (S8)	8300	ug/kg	NA
Unknown	4000	ug/kg	NA
Cholestanol isomer	6600	ug/kg	NA
Unknown steroid	25000	ug/kg	NA
Unknown steroid	21000	ug/kg	NA
Unknown steroid	4600	ug/kg	NA
Unknown steroid	7400	ug/kg	NA

Percent Moisture is 15%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Linda Cook Approved By: Peter Kane

Enseco
A CORNING COMPANY

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DRUMX
Lab ID: 003016-0003-SA Enseco ID: 2017896
Matrix: SOIL Sampled: 21 MAR 89 Received: 21 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 03 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C9H20 isomer	480000	ug/kg	NA
C10H22 isomer	420000	ug/kg	NA
Trimethyl benzene isomer	870000	ug/kg	NA
Unknown	400000	ug/kg	NA
C10H20 isomer	460000	ug/kg	NA
Trimethyl benzene isomer	910000	ug/kg	NA
C10H22 isomer	2400000	ug/kg	NA
Ethyl methyl benzene isomer	640000	ug/kg	NA
C11H24 isomer	890000	ug/kg	NA
Alkyl-substituted cyclohexane	500000	ug/kg	NA
C10H18 isomer	680000	ug/kg	NA
C11H24 isomer	500000	ug/kg	NA
Branched alkane	400000	ug/kg	NA
Ethyldimethylbenzene isomer	460000	ug/kg	NA
C4-benzene isomer	520000	ug/kg	NA
C11H24 isomer	2600000	ug/kg	NA
Alkyl-substituted cyclohexane	300000	ug/kg	NA
Dodecane	560000	ug/kg	NA
Hexadecanoic acid	2000000	ug/kg	NA
Cholestane isomer	480000	ug/kg	NA

Percent Moisture is 50%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Paula DiMattei Approved By: Linda Cook

Enseco
A CORNING Company

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DA-2B
Lab ID: 003016-0004-SA Enseco ID: 2017897
Matrix: SOIL Sampled: 21 MAR 89 Received: 21 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 03 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C10H22 isomer	130000	ug/kg	NA
C10H22 isomer	110000	ug/kg	NA
C10H22 isomer	130000	ug/kg	NA
C10H20 isomer	170000	ug/kg	NA
Trimethyl benzene isomer	130000	ug/kg	NA
C3-Benzene isomer	160000	ug/kg	NA
C11H24 isomer	450000	ug/kg	NA
Alkyl-substituted cyclohexane	240000	ug/kg	NA
Branched alkane	100000	ug/kg	NA
Unknown	130000	ug/kg	NA
C10H14 isomer	300000	ug/kg	NA
Unknown	140000	ug/kg	NA
Ethyldimethylbenzene isomer	170000	ug/kg	NA
C4-benzene isomer	180000	ug/kg	NA
Tetramethyl benzene isomer	110000	ug/kg	NA
Unknown	140000	ug/kg	NA
Alkyl-substituted cyclohexane	130000	ug/kg	NA
C12H26 isomer	120000	ug/kg	NA
Cholestanol isomer	230000	ug/kg	NA
Cholestane isomer	140000	ug/kg	NA

Percent Moisture is 29%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Paula DiMattei Approved By: Linda Cook

Enseco
A CORNING Company

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DA-ID
Lab ID: 003016-0002-SA Enseco ID: 2017895
Matrix: SOIL Sampled: 21 MAR 89 Received: 21 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 03 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Trimethyl benzene isomer	1500000	ug/kg	NA
Unknown	1100000	ug/kg	NA
C10H20 isomer	840000	ug/kg	NA
Trimethyl benzene isomer	1100000	ug/kg	NA
C10H22 isomer	1400000	ug/kg	NA
C11H24 isomer	3900000	ug/kg	NA
Alkyl-substituted cyclohexane	950000	ug/kg	NA
Unknown	1900000	ug/kg	NA
Unknown	1500000	ug/kg	NA
Ethyldimethylbenzene isomer	1000000	ug/kg	NA
C4-benzene isomer	1000000	ug/kg	NA
Unknown alkane	1900000	ug/kg	NA
Unknown	1100000	ug/kg	NA
Unknown alkane	910000	ug/kg	NA
Branched alkane	960000	ug/kg	NA
Branched alkane	1000000	ug/kg	NA
Unknown alkane	1000000	ug/kg	NA
Branched alkane	830000	ug/kg	NA
Cholestanol isomer	2500000	ug/kg	NA
Cholestane isomer	2900000	ug/kg	NA

Percent Moisture is 41%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Paula DiMattei Approved By: Linda Cook

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A CORNING Company

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DA-1C 14:15
Lab ID: 003006-0003-SA Enseco ID: 2017900
Matrix: SOIL Sampled: 20 MAR 89 Received: 20 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown hydrocarbon	3900000	ug/kg	NA
C10H22 isomer	2700000	ug/kg	NA
Unknown oxygen-containing compound	10000000	ug/kg	NA
Trimethyl benzene isomer	3700000	ug/kg	NA
n-Decane	11000000	ug/kg	NA
C3-Benzene isomer	3200000	ug/kg	NA
C4-benzene isomer	3400000	ug/kg	NA
Unknown alkane	11000000	ug/kg	NA
C10H18 isomer	4200000	ug/kg	NA
Unknown alkane	3500000	ug/kg	NA
Unknown alkane	3400000	ug/kg	NA
C4-benzene isomer	4600000	ug/kg	NA
C11H24 isomer	8100000	ug/kg	NA
Unknown	2800000	ug/kg	NA
Unknown hydrocarbon	2800000	ug/kg	NA
C12H26 isomer	3500000	ug/kg	NA
Unknown alkane	3000000	ug/kg	NA
C13H28 isomer	2400000	ug/kg	NA
C14H30 isomer	4200000	ug/kg	NA
Unknown steroid	3500000	ug/kg	NA

Percent Moisture is 43%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Linda Cook Approved By: Peter Kane

Enseco
A CORNING Company

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DA-1C 14:30
Lab ID: 003006-0004-SA Enseco ID: 2017901
Matrix: SOIL Sampled: 20 MAR 89 Received: 20 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	2600000	ug/kg	NA
Unknown alkane	2900000	ug/kg	NA
Unknown alkane	5500000	ug/kg	NA
C3-Benzene isomer	23000000	ug/kg	NA
n-Decane	5200000	ug/kg	NA
Unknown alkane	9500000	ug/kg	NA
Unknown	3800000	ug/kg	NA
Unknown	2900000	ug/kg	NA
C4-benzene isomer	7100000	ug/kg	NA
Undecane	5000000	ug/kg	NA
Unknown	3600000	ug/kg	NA
Unknown cyclic hydrocarbon	2200000	ug/kg	NA
Unknown	5200000	ug/kg	NA
Dodecane	3600000	ug/kg	NA
Unknown alkane	2400000	ug/kg	NA
Unknown alkane	1900000	ug/kg	NA
Tridecane	2200000	ug/kg	NA
Tetradecane	3300000	ug/kg	NA
Cholestanol isomer	2400000	ug/kg	NA
Unknown steroid	5000000	ug/kg	NA

Percent Moisture is 58%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Linda Cook Approved By: Peter Kane

Enseco
A CORNING Company

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DA-2C 17:00
Lab ID: 003006-0005-SA Enseco ID: 2017902
Matrix: SOIL Sampled: 20 MAR 89 Received: 20 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	4600000	ug/kg	NA
C10H22 isomer	2900000	ug/kg	NA
Unknown	780000	ug/kg	NA
C10H22 isomer	2900000	ug/kg	NA
n-Decane	10000000	ug/kg	NA
TID Compound 6	2200000	ug/kg	NA
C4-benzene isomer	3200000	ug/kg	NA
C11H24 isomer	16000000	ug/kg	NA
Unknown	2400000	ug/kg	NA
Unknown	3400000	ug/kg	NA
Unknown	2900000	ug/kg	NA
Unknown alkane	6300000	ug/kg	NA
Unknown alkane	9700000	ug/kg	NA
Undecane	92000000	ug/kg	NA
Unknown	320000	ug/kg	NA
Unknown alkane	2400000	ug/kg	NA
Unknown	4100000	ug/kg	NA
Dodecane	4600000	ug/kg	NA
Unknown alkane	2100000	ug/kg	NA
Unknown steroid	2900000	ug/kg	NA

Percent Moisture is 59%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Linda Cook Approved By: Peter Kane

Enseco
A CORNING COMPANY

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: DC-2C 17:30
Lab ID: 003006-0006-SA Enseco ID: 2017903
Matrix: SOIL Sampled: 20 MAR 89 Received: 20 MAR 89
Authorized: 23 MAR 89 Prepared: 24 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
C10H22 isomer	3500000	ug/kg	NA
Unknown	6000000	ug/kg	NA
C10H20 isomer	1600000	ug/kg	NA
n-Decane	9500000	ug/kg	NA
Unknown	2800000	ug/kg	NA
C11H24 isomer	7400000	ug/kg	NA
Unknown	1900000	ug/kg	NA
Unknown	3900000	ug/kg	NA
TID Compound 9	1600000	ug/kg	NA
Unknown alkane	2000000	ug/kg	NA
Unknown alkane	3000000	ug/kg	NA
Unknown alkane	2900000	ug/kg	NA
Unknown	3900000	ug/kg	NA
Undecane	8800000	ug/kg	NA
Unknown	2900000	ug/kg	NA
Unknown alkane	1700000	ug/kg	NA
Unknown	2800000	ug/kg	NA
Dodecane	2300000	ug/kg	NA
Cholestanol isomer	1600000	ug/kg	NA
Unknown steroid	2000000	ug/kg	NA

Percent Moisture is 72%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Linda Cook Approved By: Peter Kane

C. PESTICIDES/PCBs

DRUM SAMPLES - ORGANOCHLORINE PESTICIDES/PCB's

SALEM ACRES RI/FS SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	(DA-2A)	(DA-1B)	(DA-2B)	(DRUM X)	(DA-1A)	(DA-1B)	(DA-1C 14:15)	(DA-1C 14:30)	(DA-2C 17:00)	(DA-2C 17:30)
alpha - BHC	8.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
beta - BHC	8.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
delta - BHC	8.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
gamma - BHC	8.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Heptachlor	8.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Aldrin	8.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Heptachlor epoxide	8.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Endosulfan I	8.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Dieldrin	16	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
4,4'-DDE	16	UD	UD	UD	UD	UD	130 J	UD	UD	UD	UD
Endrin	16	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Endosulfan II	16	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
4,4'-DDD	16	UD	UD	UD	UD	UD	650	1200	1500 J	UD	UD
Endosulfan sulfate	16	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
4,4'-DDT	16	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Endrin ketone	80	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Methoxychlor	80	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Chlordane	80	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Toxaphene	160	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Aroclor-1016	80	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Aroclor-1221	80	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Aroclor-1232	80	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Aroclor-1242	80	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Aroclor-1248	80	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Aroclor-1254	160	5900 J	6400	340 J	7300 J	UD	960 J	UD	UD	4600 J	5500 J
Aroclor-1260	160	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Quantitation Limit Multiplier		2.4	46	39	14	34	39	110	110	180	200

UD: COMPOUND WAS NOT DETECTED.
B: THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED" SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.
UJ: THIS COMPOUND WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.
J: THE QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).
*: UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

Environmental Standards, Inc.
Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 (215) 935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - SEDIMENT SAMPLES

AND DRUM SAMPLES

November 28, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, Massachusetts 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

B. DRUM SAMPLES

SEMIVOLATILES (ug/Kg)
TENTATIVELY IDENTIFIED COMPOUNDS
ESTIMATED CONCENTRATIONS

SALEM ACRES RI/FS DRUM SAMPLE RESULTS SEPTEMBER 1990	DA-2B 7125-07	DA-2BRE 7125-07	DA-2C 7125-08	DA-2CRE 7125-08	Field Blank [1] 7125-09
SEMIVOLATILE COMPONENTS					-
Unknown (Number of Peaks)	510,000 J(3)		6,500,000 J(2)	3,600,000 J(2)	
Saturated Hydrocarbons (Numer of Peaks)	2,710,000 J(12)		39,600,000 J(14)	20,300,000 J(9)	
Substituted Cyclohexane	300,000 J		2,400,000 J	1,300,000 J	
C9H12 Alkylbenzene				2,900,000 J	
C10H14 Alkylbenzene	650,000 J		5,600,000 J	5,400,000 J	
Carboxylic Acids				4,000,000 J	
2-Heptadecanone					
C11H12 Alkylbenzene					
Cholestanol		330,000 J		3,500,000 J	
Unknown Steroid		287,000 J		4,300,000 J	
Unsaturated Hydrocarbon					
Decahydro-2-methylnaphthalene			1,300,000 J		
Unknown Alcohol				1,600,000 J	

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

B This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.

[1] Rinse Blank and Field Blank units are in ug/L.

SEMIVOLATILES (ug/Kg)

SALEM ACRES RI/FS BRUM SAMPLE RESULTS SEPTEMBER 1990	QUANT. LIMIT (ug/kg)	RINSE BLANK [1] 7125-10	BA-1D 7125-11	BA-1DRE 7125-11	BRUM-X 7125-12	BRUM-XRE 7125-12
Phenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
bis (Chloroethyl) ether	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2-Chlorophenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
1,3-Dichlorobenzene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
1,4-Dichlorobenzene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Benzyl alchohol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
1,2-Dichlorobenzene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2-Methylphenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
bis(Chloroisopropal) ether	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
4-Methylphenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
N-Nitro-di-n-propylamine	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Hexachloroethane	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Nitrobenzene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Isophorone	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2-Nitrophenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dimethylphenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Benzoic acid	1650	ND	ND UJ	ND UJ	ND UJ	ND UJ
bis(Chloroethoxy)methane	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dichlorophenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
1,2,4-Trichlorobenzene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Naphthalene	330	ND	270,000 J	230,000 J	710,000 J	1,100,000 J
4-Chloroaniline	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobutadiene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
4-Chloro-3-methylphenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2-Methylnapthalene	330	ND	380,000 J	360,000 J	170,000 J	ND UJ
Hexachlorocyclopentadiene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2,4,6-Trichlorophenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2,4,5-Trichlorophenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2-Chloronapthalene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2-Nitroaniline	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Dimethyl phthalate	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Acenaphthylene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2,6-Dinitrotoluene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
3-Nitroaniline	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		0.12	1031	576	2818	7576

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

B This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.

[1] Rinse Blank and Field Blank units are in ug/L.

SEMIVOLATILES (ug/Kg)

SALEM ACRES RI/FS DRUM SAMPLE RESULTS SEPTEMBER 1990	QUANT. LIMIT (ug/kg)	RINSE BLANK [1] 7125-10	DA-1D 7125-11	DA-1DRE 7125-11	DRUM-X 7125-12	DRUM-XRE 7125-12
Acenaphthene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dinitrophenol	1650	ND	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitrophenol	1650	ND	ND UJ	ND UJ	ND UJ	ND UJ
Dibenzofuran	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dinitrotoluene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Diethyl phthalate	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
4-Chlorophenol phenyl ether	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Fluorene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitroaniline	1650	ND	ND UJ	28,000 J	ND UJ	ND UJ
4,6-Dinitro-2-methylphenol	1650	ND	ND UJ	ND UJ	ND UJ	ND UJ
N-Nitrosodiphenylamine	330	ND	ND UJ	34,000 J	ND UJ	ND UJ
4-Bromophenyl phenyl ether	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobenzene	1650	ND	ND UJ	ND UJ	ND UJ	ND UJ
Pentachlorophenol	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Phenanthrene	330	ND	ND UJ	35,000 J	ND UJ	ND UJ
Antracene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Di-n-butyl phthalate	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Flouranthene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Pyrene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Butyl benzyl phthalate	660	ND	ND UJ	ND UJ	ND UJ	ND UJ
3,3'-Dichlorobenzidine	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(a)anthracene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Chrysene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
bis (2-Ethylhexyl) phthalate	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Di-n-octyl phthalate	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(b)fluoranthene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(k)fluoranthene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(a)pyrene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Indeno(1,2,3-c,d)pyrene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Dibenzo(a,h)anthracene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(g,h,i)perylene	330	ND	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		0.12	1031	576	2818	7576
Date Sample Received by Laboratory		9/13/90	9/13/90	9/13/90	9/13/90	9/13/90
Date Sample Extracted		9/18/90	9/23/90	10/11/90	9/23/90	10/11/90
Date of Sample Analysis		9/26/90	10/3/90	10/20/90	10/3/90	10/20/90

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.

[1] Rinse Blank and Field Blank units are in ug/l.

SEMIVOLATILES (ug/Kg)
TENTATIVELY IDENTIFIED COMPOUNDS
ESTIMATED CONCENTRATIONS

SALEM ACRES RI/FS BRUN SAMPLE RESULTS SEPTEMBER 1990	RINSE BLANK [1] 7125-10	BA-1D 7125-11	BA-1DRE 7125-11	BRUN-X 7125-12	BRUN-XRE 7125-12
SEMIVOLATILE COMPONENTS					
Unknown (Number of Peaks)		4,000,000 J(1)	4,200,000 J(2)		3,700,000 J(1)
Laboratory Artifacts (Aldol Condensates)					
Sulfur (S8)					
Alcohols (Number of Peaks)					
Unknown Polyaromatic Hydrocarbon					
Saturated Hydrocarbons (Number of Peaks)		47,000,000 J(12)	16,200,000 J(9)	63,200,000 J(12)	62,000,000 J(9)
Laboratory Artifacts (Column Bleed)					
C8H16 Isomer					
Unknown Steroids	51 J		16,300,000		3,200,000 J
Carboxylic Acids	614 J		2,100,000 J	39,000,000 J	53,400,000 J
2-Heptadecanone	52 J				
C9H12 Alkylbenzene		8,000,000 J	2,500,000 J	4,500,000 J	14,000,000 J
C10H14 Alklybenzene		11,800,000 J	5,300,000 J	19,200,000 J	11,100,000 J
Substituted Cyclohexane		6,300,000 J	1,600,000 J	2,700,000 J	3,300,000 J

NOTES:
ND Compound was not detected.
J Quantitation is approximate due to limitations identified during the quality control review (data validation).
U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
* Unreliable result - Analyte may or may not be present in this sample.
UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.
[1] Rinse Blank and Field Blank units are in ug/L.

MGI SOILS DATA

MGI SOILS DATA

Environmental Standards, Inc.
Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 (215) 935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - SOILS

VOLUME I

August 9, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, MA 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

A. ORGANIC DATA

1. VOLATILE TCL ORGANICS

SALEM ACRES RI/FS SOIL SAMPLE RESULTS March and April 1989	QUANTITATION LIMIT (ug/kg)	SL-1-1 SURFACE	SL-1-1 0.5 ft	SL-1-3 SURFACE	SL-1-3 1.8 ft	SL-1-3 4.5 ft	SL-2-1 SURFACE	SL-2-2 SURFACE	SL-2-3 SURFACE
Chloromethane	10.0	ND	ND	ND	ND	ND	NR	NR	ND
Bromomethane	10.0	ND	ND	ND	ND	ND	NR	NR	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND	NR	NR	ND
Chloroethane	10.0	ND	ND	ND	ND	ND	NR	NR	ND
Methylene chloride	25	93 U	45 U	50 U	97 U	58 U	NR	NR	56 U
Acetone	25	ND	ND	ND	ND	ND	NR	NR	ND UJ
Carbon disulfide	5.0	ND	ND	ND	ND	ND	NR	NR	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	NR	NR	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Chloroform	5.0	ND	ND	ND	ND	ND	NR	NR	ND
1,2-Dichoroethane	5.0	ND	ND	ND	ND	ND	NR	NR	ND
2-Butanone	10.0	ND	ND	ND	ND	ND	NR	NR	ND
1,1,1-Trichoroethane	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Vinyl acetate	10.0	UJ	ND	ND	ND UJ	ND	NR	NR	ND UJ
Bromodichloromethane	5.0	ND	ND	ND	ND	ND	NR	NR	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	NR	NR	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND	NR	NR	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Benzene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
2-Chloroethyl vinyl ether	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Bromoform	5.0	ND	ND	ND	ND	ND	NR	NR	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND	ND	ND	NR	NR	ND
2-Hexanone	10.0	ND	ND	ND	ND	ND	NR	NR	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Toluene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Styrene	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Total xylenes	5.0	ND	ND	ND	ND	ND	NR	NR	ND
Quantitation Limit Multiplier		3.7	1.8	2.0	2.0	2.3	-	-	2.2

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* *Unreliable result - Analyte may or may not be present in the sample.*

SALEM ACRES RI/FS SOIL SAMPLE RESULTS March 1989	QUANTITATION LIMIT (ug/kg)	SL-2-4 0.75 FT	SL-2-4 1.5 FT	SL-3-1 SURFACE	SL-3-1 3.5 Ft	SL-3-1 5.5 Ft	SL-3-1 5.5 FtD	SL-4-1A 4.0 Ft	SL-4-1A 10.0 Ft	SL-4-1B 3.0 Ft	SL-4-1B 7.5 Ft
Chloromethane	10.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Bromomethane	10.0	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Chloroethane	10.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Methylene chloride	25	66 U	56 U	48 U	725 U	13750 U	13250 U	120 U	95 U	350 U	83 U
Acetone	25	ND UJ	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Carbon disulfide	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Chloroform	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
1,2-Dichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
2-Butanone	10.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND *	ND
1,1,1-Trichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND UJ	16 J	ND UJ	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Vinyl acetate	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND
Bromodichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
2-Chloroethyl vinyl ether	5.0	ND	ND	ND	ND UJ	ND *	ND *	ND UJ	ND UJ	ND UJ	ND
Bromoform	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
2-Hexanone	10.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Toluene	5.0	ND	ND	ND	220	ND	ND	ND UJ	ND UJ	ND UJ	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Ethylbenzene	5.0	ND	ND	ND	430	5800 J	ND UJ	ND UJ	ND UJ	ND UJ	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND
Total xylenes	5.0	ND	ND	ND	2100	15000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND
Quantitation Limit Multiplier		2.6	2.2	1.9	29	550	530	2.5	2.2	9.5	2.4

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

VOLATILES

SALEM ACRES RI/FS SOIL SAMPLE RESULTS March 1989	QUANTITATION LIMIT (ug/kg)	SL-4-2A 4.0 Ft	SL-4-2AD 4.0 Ft	SL-4-2B 12.5 Ft	SL-4-2B 17.0 Ft	SL-4-1C 2.0 Ft	SL-4-1C 3.0 Ft	SL-4-2C 7.0 Ft	SL-4-2C 10.0 Ft	SL-5-1A 4.5 Ft
Chloromethane	10.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	10.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	10.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	10.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	25	84 J	35.0 J	33.0 J	34.0 J	54 U	55 U	170 J	48 J	80 U
Acetone	25	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichoroethane	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	10.0	ND UJ	ND	ND	ND	ND	ND *	ND	ND	ND
1,1,1-Trichoroethane	5.0	ND UJ	ND	ND	ND	ND	ND	56 J	ND	ND
Carbon tetrachloride	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	10.0	ND UJ	ND	ND	ND	ND UJ	ND	ND	ND	ND UJ
Bromodichloromethane	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	5.6 J	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5.0	ND *	ND *	ND *	ND *	ND *	ND	ND *	ND *	ND
Bromoform	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	10.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	10.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5.0	5.8 J	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Total xylenes	5.0	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		2.8	2.5	2.4	1.7	1.3	2.2	2.6	2.2	3.2

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

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SALEM ACRES RI/FS SOIL SAMPLE RESULTS March 1989	QUANTITATION LIMIT (ug/kg)	SL-5-1B 2.0 Ft	SL-5-1B 1.5 Ft	SL-5-2A 4.5 Ft	SL-5-2B 2.5 Ft	SL-5-2B 1.0 Ft	SL-5-2C 2.5 Ft	SL-5-2C 2.50 Ft	SL-5-2C 0.5 Ft
Chloromethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	25	47 U	58 U	81 U	66 U	62 U	52 U	52 U	110 U
Acetone	25	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	5.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.0	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	10.0	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Bromodichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	5.0	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Total xylenes	5.0	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		1.9	2.2	3.3	2.7	2.5	2.1	2.1	3.0

ND Compound was not detected.

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VOLATILES

SALEM ACRES RI/FS SOIL SAMPLE RESULTS March and April 1989	QUANTITATION LIMIT (ug/kg)	SL-7	SL-8	SL-9	SL-10RE	SL-11	SL-12RE	SL-13RE	SL-14RE	SL-15	SL-16	SL-6
Chloromethane	10.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Bromomethane	10.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Chloroethane	10.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Methylene chloride	25.0	9 U	ND	ND	ND	ND UJ	ND	ND	7 U	NR	NR	6 U
Acetone	25.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Carbon disulfide	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Chloroform	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
1,2-Dichoroethane	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
2-Butanone	10.0	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND*	NR	NR	ND*
1,1,1-Trichoroethane	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Vinyl acetate	10.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Bromodichloromethane	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Benzene	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
2-Chloroethyl vinyl ether	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
Bromoform	5.0	ND	ND	ND	ND	ND UJ	ND	ND	ND	NR	NR	ND
4-Methyl-2-pentanone	10.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
2-Hexanone	10.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
1,1,2,2-Tetrachloroethane	5.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
Tetrachloroethene	5.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
Toluene	5.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
Chlorobenzene	5.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
Ethylbenzene	5.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
Styrene	5.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
Total xylenes	5.0	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	NR	NR	ND
Quantitation Limit Multiplier		1.4	1.0	1.2	1.7	1.4	1.1	7.8	1.4	-	-	1.3

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

VOLATILES

SALEM ACRES RI/FS
SOIL SAMPLE RESULTS
September 1989

	QUANTITATION LIMIT (ug/kg)	SL-1-1A 2 FT	SL-1-1B 1 FT	SL-1-1C 2 FT	SL-1-1C 2 FT D	SL-1-1D 5.5 FT	SL-1-1E 1 FT	SL-3-1A 2 FT	SL-3-1A 2 FT D	SL-3-1A 4.5 FT	SL-3-1B SURFACE
Chloromethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	25	50 U	48 U	64 U	48 U	70 U	74 U	50 U	64 U	48 U	45 U
Acetone	25	ND	ND	48 U	48 U	19	ND	ND	50 U	ND	ND
Carbon disulfide	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5.0	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
Bromoform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total xylenes	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		2.0	1.9	1.9	1.9	2.1	2.0	2.0	2.0	1.8	1.8

ND Compound was not detected.
U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.
UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.
J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).
* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS September 1989	QUANTITATION LIMIT (ug/kg)	SL-3-1B 1 FT	SL-3-1B 1 FT D	SL-3-1B 2.5 FT	SL-3-1B 3 FT	SL-3-1C 0 FT	SL-3-1C 2 FT	SL-3-1D 2.5 FT	SL-3-1E 0 FT	SL-3-1E 4.5 FT	SL-3-1E 5.5 FT
Chloromethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	25	32 U	48 U	750 U	700 U	95 U	650 U	3000 U	43 UJ	3000 U	5250 U
Acetone	25	14 J	ND	ND	280	ND UJ	ND	ND	ND UJ	ND	ND
Carbon disulfide	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5.0	ND *	ND	ND *	ND *	ND *	ND	ND	ND *	ND	ND
Bromoform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	670	6.7 J	32 J	230 J	5.0 J	2800	400 J
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	1200	ND	ND	ND	ND	2300	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total xylenes	5.0	ND	ND	ND	6800	19 U	750	2200	4.4 J	41000	9200
Quantitation Limit Multiplier		1.2	1.9	30	28	3.8	26	120	1.7	120	210

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

2. VOLATILE TICS

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-3-0 FT
Lab ID: 003122-0001-SA Enseco ID: 2018810
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	64	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-3-1.8 FT
Lab ID: 003122-0002-SA Enseco ID: 2018811
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 10 APR 89

Parameter	Result		Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	160	J	ug/kg	NA
TID Compound 2	ND		ug/kg	NA
TID Compound 3	ND		ug/kg	NA
TID Compound 4	ND		ug/kg	NA
TID Compound 5	ND		ug/kg	NA
TID Compound 6	ND		ug/kg	NA
TID Compound 7	ND		ug/kg	NA
TID Compound 8	ND		ug/kg	NA
TID Compound 9	ND		ug/kg	NA
TID Compound 10	ND		ug/kg	NA

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-3-4.5 FT
Lab ID: 003122-0003-SA Enseco ID: 2018812
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	45	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 29%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-1 SURFACE
Lab ID: 003122-0005-SA Enseco ID: 2018814
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 09 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 56%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-1-0.5 FT
Lab ID: 003122-0006-SA Enseco ID: 2018815
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	61	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 11%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

SEMIVOLATILES (ug/kg)

SALEM ACRES RI/FS DRUM SAMPLE RESULTS SEPTEMBER 1990	QUANT. LIMIT (ug/kg)	DA-1A 7125-01	DA-1ARE 7125-01	DA-1B 7125-02	DA-1BRE 7125-02	DA-1C 7125-03	DA-1CRE 7125-03	DA-1CD 7125-04	DA-1CDRE 7125-04	DA-2A 7125-05	DA-2ARE 7125-05	DA-2AD 7125-06	DA-2ADRE 7125-06	DA-2B 7125-07	DA-2BRE 7125-07	DA-2C 7125-08	DA-2CRE 7125-08	Field Blank [1] 7125-09
Phenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis (Chloroethyl) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Chlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,3-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,4-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzyl alchohol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,2-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis(Chloroisopropal) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
N-Nitro-di-n-propylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachloroethane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Nitrobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Isophorone	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Nitrophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dimethylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzoic acid	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis(Chloroethoxy)methane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,2,4-Trichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Naphthalene	330	ND UJ	ND UJ	1,100,000 J	2,000,000 J	630,000 J	320,000 J	1,300,000 J	820,000 J	500,000 J	630,000 J	520,000 J	590,000 J	2700 J	ND UJ	99,000 J	140,000 J	ND
4-Chloroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachlorobutadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Chloro-3-methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Methylnapthalene	330	ND UJ	ND UJ	180,000 J	1,600,000 J	550,000 J	260,000 J	1,100,000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	43,000 J	56,000 J	ND
Hexachlorocyclopentadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4,6-Trichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4,5-Trichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Chloronapthalene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dimethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Acenaphthylene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,6-Dinitrotoluene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
3-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Quantitation Limit Multiplier		133.3	233.3	3939	10,909	1273	2879	3030	15,756	2757	12,728	2121	6364	75.8	182	849	636	0.030

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.

[1] Field Blank units are in ug/l.

SEMIVOLATILES (ug/Kg)

SALEM ACRES RI/FS DRUM SAMPLE RESULTS SEPTEMBER 1990	QUANT. LIMIT (ug/kg)	DA-1A 7125-01	DA-1ARE 7125-01	DA-1B 7125-02	DA-1BRE 7125-02	DA-1C 7125-03	DA-1CRE 7125-03	DA-1CD 7125-04	DA-1CDRE 7125-04	DA-2A 7125-05	DA-2ARE 7125-05	DA-2AD 7125-06	DA-2ADRE 7125-06	DA-2B 7125-07	DA-2BRE 7125-07	DA-2C 7125-08	DA-2CRE 7125-08	Field Blank [1] 7125-09
Acenaphthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dinitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Nitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dibenzofuran	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dinitrotoluene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Diethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Chlorophenol phenyl ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Fluorene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Nitroaniline	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4,6-Dinitro-2-methylphenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
N-Nitrosodiphenylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	7700 J	ND UJ	ND UJ	ND
4-Bromophenylphenyl ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Pentachlorophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Phenanthrene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Antracene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Di-n-butyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Flouranthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Pyrene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Butyl benzyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
3,3'-Dichlorobenzidine	660	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo(a)anthracene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Chrysene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis (2-Ethylhexyl) phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	60,000 U	ND UJ	210,000 U	ND
Di-n-octyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo (b) Flouranthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo (k) Flouranthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo (a) pyrene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Indeno(1,2,3-c,d)pyrene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dibenzo(a,h)anthracene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo(g,h,i)perylene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Quantitation Limit Multiplier		133.3	233.3	3939	10,909	1273	2879	3030	15,756	2757	12,728	2121	6364	75.8	182	849	636	6.030
Date Sample Received by Laboratory		9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90	9/13/90
Date Sample Extracted		9/23/90	10/11/90	9/23/90	10/11/90	9/23/90	10/11/90	9/23/90	10/11/90	9/23/90	10/11/90	9/23/90	10/11/90	9/23/90	10/11/90	9/23/90	10/11/9	9/18/90
Date of Sample Analysis		10/3/90	10/20/90	10/3/90	10/20/90	10/3/90	10/20/90	10/3/90	10/26/90	10/3/90	10/20/90	10/3/90	10/20/90	10/3/90	10/20/90	10/3/90	10/20/9	9/26/90

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.

[1] Field Blank units are in ug/L.

SEMIVOLATILES (ug/Kg) - TENTATIVELY IDENTIFIED COMPOUNDS - ESTIMATED CONCENTRATIONS

SALEM ACRES RI/FS DRUM SAMPLE RESULTS SEPTEMBER 1990	DA-1A 7125-01	DA-1ARE 7125-01	DA-1B 7125-02	DA-1BRE 7125-02	DA-1C 7125-03	DA-1CRE 7125-03	DA-1CD 7125-04	DA-1CDRE 7125-04	DA-2A 7125-05	DA-2ARE 7125-05	DA-2AD 7125-06	DA-2ADRE 7125-06
SEMIVOLATILE COMPONENTS	-	-										
Unknown (Number of Peaks)				8,200,000 J(1)					3,000,000 J(1)	3,200,000 J(1)	2,800,000 J	4,200,000 J(1)
Saturated Hydrocarbons (Numer of Peaks)			9,650,000 J(7)	122,500,000 J(11)	39,000,000 J(14)	26,300,000 J(13)	95,400,000 J(14)	85,600,000 J(7)	61,000,000 J(10)	61,300,000 J(7)	53,500,000 J(9)	51,200,000 J(8)
Substituted Cyclohexane			5,300,000 J	7,400,000 J	2,000,000 J		4,900,000 J	5,600,000 J	1,700,000 J	8,500,000 J		
C9H12 Alkylbenzene			6,800,000 J	18,400,000 J	6,100,000 J	5,000,000 J	5,700,00 J	17,900,000 J	4,000,000 J	16,600,000 J	3,300,000 J	13,700,000 J
C10H14 Alkylbenzene			42,300,000 J	27,700,000 J	5,500,000 J	3,000,000 J	22,800,000 J	17,500,000 J	18,000,000 J	12,800,000 J	20,300,000 J	9,400,000 J
Carboxylic Acids			151,500,000 J					112,800,000 J	2,400,000 J	43,100,000 J	61,900,000 J	39,800,000 J
2-Heptadecanone			5,300,000 J					4,700,000 J				
C11H12 Alkylbenzene			6,200,000 J		2,700,000 J							
Cholestanol				14,000,000 J		2,400,000 J						
Unknown Steroid				22,000,000 J		3,700,000 J						
Unsaturated Hydrocarbon										4,300,000 J		3,200,000 J
Decahydro-2-methylnaphthalene												
Unknown Alcohol												

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.

[1] Rinse Blank and Field Blank units are in ug/L.

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1-3.5 FT
Lab ID: 003122-0008-SA Enseco ID: 2018819
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 31 MAR 89 Analyzed: 06 APR 89

Parameter	Result		Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	390	J	ug/kg	NA
C8H14 isomer- unsaturated hydrocarbon	180	J	ug/kg	NA
C10H16 isomer	480	J	ug/kg	NA
Unknown	2900	J	ug/kg	NA
Unknown	1500	J	ug/kg	NA
C10H20 isomer- unsaturated hydrocarbon	9400	J	ug/kg	NA
C10H20 isomer- alkyl benzene	4700	J	ug/kg	NA
Ethyl methyl benzene isomer	11000	J	ug/kg	NA
Ethyl methyl benzene isomer	16000	J	ug/kg	NA
TID Compound 10	ND		ug/kg	NA

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1-5.5 FT
Lab ID: 003122-0009-SA Enseco ID: 2018821
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 31 MAR 89 Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
C9H16 isomer	5900	ug/kg	NA
C10H16 isomer	8900	ug/kg	NA
C9H18 isomer	34000	ug/kg	NA
Unknown	32000	ug/kg	NA
C10H20 isomer	150000	ug/kg	NA
C10H14 isomer	59000	ug/kg	NA
Ethyl methyl benzene isomer	120000	ug/kg	NA
Ethyl methyl benzene isomer	150000	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 8.8%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1-5.5 FT D
Lab ID: 003122-0012-SA Enseco ID: 2018828
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 31 MAR 89 Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
C10H20 isomer	12000	ug/kg	NA
C10H14 isomer	68000	ug/kg	NA
Unknown	28000	ug/kg	NA
Ethyl methyl benzene isomer	530000	ug/kg	NA
Ethyl methyl benzene isomer	18000	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 6.0%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1 SURFACE
Lab ID: 003122-0011-SA Enseco ID: 2018827
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 08 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	16	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 17%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-2-3-SURFACE
Lab ID: 003131-0001-SA Enseco ID: 2018829
Matrix: SOIL Sampled: 30 MAR 89 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 07 APR 89

Parameter	Result		Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	32	J	ug/kg	NA
TID Compound 2	ND		ug/kg	NA
TID Compound 3	ND		ug/kg	NA
TID Compound 4	ND		ug/kg	NA
TID Compound 5	ND		ug/kg	NA
TID Compound 6	ND		ug/kg	NA
TID Compound 7	ND		ug/kg	NA
TID Compound 8	ND		ug/kg	NA
TID Compound 9	ND		ug/kg	NA
TID Compound 10	ND		ug/kg	NA

Percent Moisture is 31%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-2-4-0.75 FT
Lab ID: 003131-0002-SA Enseco ID: 2018830
Matrix: SOIL Sampled: 30 MAR 89 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 07 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	43	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 38%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-2-4-1.5 FT
Lab ID: 003131-0003-SA Enseco ID: 2018831
Matrix: SOIL Sampled: 30 MAR 89 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 08 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	24	ug/kg	NA
Unknown	17	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 36%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-1A-4 FT
Lab ID: 003077-0001-SA Enseco ID: 2018424
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 03 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	28	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 37%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-1A-10 FT
Lab ID: 003077-0002-SA Enseco ID: 2018425
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 04 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	19	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 27%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-1B-3 FT
Lab ID: 003077-0004-SA Enseco ID: 2018427
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 01 APR 89

Parameter	Result		Dry Weight Units	Reporting Limit
Unknown	110	J	ug/kg	NA
TID Compound 2	ND		ug/kg	NA
TID Compound 3	ND		ug/kg	NA
TID Compound 4	ND		ug/kg	NA
TID Compound 5	ND		ug/kg	NA
TID Compound 6	ND		ug/kg	NA
TID Compound 7	ND		ug/kg	NA
TID Compound 8	ND		ug/kg	NA
TID Compound 9	ND		ug/kg	NA
TID Compound 10	ND		ug/kg	NA

Percent Moisture is 48%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-1B-7.5 FT
Lab ID: 003077-0005-SA Enseco ID: 2018428
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 03 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	27	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 30%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-1C-2 FT
Lab ID: 003077-0006-SA Enseco ID: 2018429
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 01 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 22%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-1C-3 FT
Lab ID: 003077-0007-SA Enseco ID: 2018433
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 03 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	16	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 23%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-2A-4 FEET
Lab ID: 003130-0001-SA Enseco ID: 2018854
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	31	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 43%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-2B-12.5 FEET
Lab ID: 003130-0002-SA Enseco ID: 2018855
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	20	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 35%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-2B-17 FEET
Lab ID: 003130-0003-SA Enseco ID: 2018856
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	16	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 10%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-2AD-4 FEET
Lab ID: 003130-0004-SA Enseco ID: 2018858
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	23	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 32%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-2C-7 FEET
Lab ID: 003130-0005-SA Enseco ID: 2018865
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	100	ug/kg	NA
Unknown	76	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 37%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-4-2C-10 FEET
Lab ID: 003130-0006-SA Enseco ID: 2018869
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: NA Analyzed: 06 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	130	ug/kg	NA
Unknown	21	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 24%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-1A-4.5FT
Lab ID: 003033-0001-SA Enseco ID: 2017938
Matrix: SOIL Sampled: 22 MAR 89 Received: 22 MAR 89
Authorized: 23 MAR 89 Prepared: NA Analyzed: 04 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
1,1,2-Trichloro-2,2,1-trifluoroethane	14	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 53%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-1B-2FT
Lab ID: 003033-0002-SA Enseco ID: 2017940
Matrix: SOIL Sampled: 22 MAR 89 Received: 22 MAR 89
Authorized: 23 MAR 89 Prepared: NA Analyzed: 01 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-1B-1.5FT
Lab ID: 003033-0004-SA Enseco ID: 2017943
Matrix: SOIL Sampled: 22 MAR 89 Received: 22 MAR 89
Authorized: 23 MAR 89 Prepared: NA Analyzed: 01 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 36%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-2A-4.5 FT
Lab ID: 003078-0001-SA Enseco ID: 2018415
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 03 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 50%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-2B-2.5 FT
Lab ID: 003078-0002-SA Enseco ID: 2018416
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 04 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 40%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-2B-1 FT
Lab ID: 003078-0003-SA Enseco ID: 2018417
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 04 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 35%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-2C-2.5 FT
Lab ID: 003078-0005-SA Enseco ID: 2018419
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 02 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 25%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-2C-2.5 FT
Lab ID: 003078-0005-SA Enseco ID: 2018419
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 02 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 25%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-5-2C-0.5 FT
Lab ID: 003078-0009-SA Enseco ID: 2018423
Matrix: SOIL Sampled: 23 MAR 89 Received: 01 MAR 89
Authorized: 27 MAR 89 Prepared: NA Analyzed: 04 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 45%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Dan Wielandt Approved By: W. Henry Camp

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

4177-01 0000016

Lab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-01

Sample wt/vol: 5.1 (g/mL) G Lab File ID: SH357

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 24 Date Analyzed: 04/07/89

Column (pack/cap) CAP Dilution Factor: 1.00

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4177-02

3000025

Lab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-02

Sample wt/vol: 5.0 (g/mL) G Lab File ID: SH386

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 28 Date Analyzed: 04/09/89

Column (pack/cap) CAP Dilution Factor: 1.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4177-02RE 0000034

ab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-02RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: SH439

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 28 Date Analyzed: 04/12/89

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	18.09	9.7	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4177-03 00000043

ab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-03

Sample wt/vol: 5.3 (g/mL) G Lab File ID: SH373

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 9 Date Analyzed: 04/08/89

Column (pack/cap) CAP Dilution Factor: 1.00

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4177-04
0000051

Lab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-04

Sample wt/vol: 5.2 (g/mL) G Lab File ID: SH374

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 17 Date Analyzed: 04/08/89

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	HYDROCARBON	17.82	8.1	CJ

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4177-05

ab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

0000060

Matrix: (soil/water) SOIL Lab Sample ID: 4177-05

Sample wt/vol: 5.0 (g/mL) G Lab File ID: SH387

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 40 Date Analyzed: 04/09/89

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

4177-05RE

Lab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.: 3000067

Matrix: (soil/water) SOIL Lab Sample ID: 4177-05RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: SH440

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 40 Date Analyzed: 04/12/89

Column (pack/cap) CAP Dilution Factor: 1.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4177-06

ab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.: 0000075

Matrix: (soil/water) SOIL Lab Sample ID: 4177-06

Sample wt/vol: 5.0 (g/mL) G Lab File ID: SH388

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 29 Date Analyzed: 04/09/89

Column (pack/cap) CAP Dilution Factor: 1.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4177-06RE
0000082

ab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-06RE

Sample wt/vol: 5.1 (g/mL) G Lab File ID: SH466

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 29 Date Analyzed: 04/13/89

Column (pack/cap) CAP Dilution Factor: 1.00

Number TICs found: 0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

0000090 4177-07

Lab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-07

Sample wt/vol: 5.1 (g/mL) G Lab File ID: SH363

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 14 Date Analyzed: 04/07/89

Column (pack/cap) CAP Dilution Factor: 1.00

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
0000099
4177-07RE

ab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-07RE

Sample wt/vol: 5.0 (g/mL) G Lab File ID: SH389

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 14 Date Analyzed: 04/10/89

Column (pack/cap) CAP Dilution Factor: 1.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

0000106 4177-08

Lab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-08

Sample wt/vol: 5.1 (g/mL) G Lab File ID: SH364

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 36 Date Analyzed: 04/07/89

Column (pack/cap) CAP Dilution Factor: 1.00

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

4177-08RE

Lab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.: 0000114

Matrix: (soil/water) SOIL Lab Sample ID: 4177-08RE

Sample wt/vol: 1.0 (g/mL) G Lab File ID: SH442

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 36 Date Analyzed: 04/12/89

Column (pack/cap) CAP Dilution Factor: 1.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

4177-09 0000121

ab Name: ENSECO-RMAL Contract:

Lab Code: ENSECO Case No.: 4177 SAS No.: SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4177-09

Sample wt/vol: 5.0 (g/mL) G Lab File ID: SH365

Level: (low/med) LOW Date Received: 04/01/89

% Moisture: not dec. 28 Date Analyzed: 04/07/89

Column (pack/cap) CAP Dilution Factor: 1.0

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

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-1A-2FT
Lab ID: 004431-0001-SA Enseco ID: 2028701
Matrix: SOIL Sampled: 05 SEP 89 Received: 05 SEP 89
Authorized: 06 SEP 89 Prepared: NA Analyzed: 14 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 23%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-1B-1FT
Lab ID: 004431-0002-SA Enseco ID: 2028702
Matrix: SOIL Sampled: 05 SEP 89 Received: 05 SEP 89
Authorized: 06 SEP 89 Prepared: NA Analyzed: 14 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-1C-2FT
Lab ID: 004431-0003-SA Enseco ID: 2028703
Matrix: SOIL Sampled: 05 SEP 89 Received: 05 SEP 89
Authorized: 06 SEP 89 Prepared: NA Analyzed: 13 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-1C-2FTD
Lab ID: 004431-0004-SA Enseco ID: 2028704
Matrix: SOIL Sampled: 05 SEP 89 Received: 05 SEP 89
Authorized: 06 SEP 89 Prepared: NA Analyzed: 13 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-1D-5.5FT
Lab ID: 004442-0001-SA Enseco ID: 2028793
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: NA Analyzed: 13 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-1-1E-1FT
Lab ID: 004442-0002-SA
Matrix: SOIL
Authorized: 08 SEP 89

Enseco ID: 2028794
Sampled: 05 SEP 89
Prepared: NA

Received: 07 SEP 89
Analyzed: 13 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston

Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: RINSATE
Lab ID: 004442-0003-SA Enseco ID: 2028795
Matrix: AQUEOUS Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: NA Analyzed: 11 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1A-2FT
Lab ID: 004442-0004-SA Enseco ID: 2028796
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: NA Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 15%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1A-2FTD
Lab ID: 004442-0005-SA Enseco ID: 2028797
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: NA Analyzed: 13 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1A-4.5FT
Lab ID: 004442-0006-SA Enseco ID: 2028798
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: NA Analyzed: 14 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-SURFACE
Lab ID: 004465-0001-SA Enseco ID: 2028939
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: NA Analyzed: 14 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 7.7%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-1FT
Lab ID: 004465-0002-SA Enseco ID: 2028940
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: NA Analyzed: 14 SEP 89

Parameter	Result		Dry Weight Units	Reporting Limit
Unknown	7.8	J	ug/kg	NA
Unknown unsaturated hydrocarbon	3.9	J	ug/kg	NA
Unknown unsaturated hydrocarbon	9.8	J	ug/kg	NA
C9H16 isomer - alkene	3.9	J	ug/kg	NA
Cyclohexane, 1,1,3-trimethyl-	170	J	ug/kg	NA
Unknown alkene	94	J	ug/kg	NA
Unknown cyclic hydrocarbon	21	J	ug/kg	NA
C9H18 isomer cyclic hydrocarbon	150	J	ug/kg	NA
C10H18 isomer unsaturated hydrocarbon	40	J	ug/kg	NA
Unknown unsaturated hydrocarbon	23	J	ug/kg	NA

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-1FTD
Lab ID: 004465-0003-SA Enseco ID: 2028941
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: NA Analyzed: 19 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	25	ug/kg	NA
1,1,2-Trichloro-1,2, 2-trifluoroethane	11	ug/kg	NA
Unknown	23	ug/kg	NA
C10H18 isomer	27	ug/kg	NA
Unknown	15	ug/kg	NA
Unknown	17	ug/kg	NA
Unknown	41	ug/kg	NA
C10H20 isomer	230	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-2.5FT
Lab ID: 004465-0004-SA Enseco ID: 2028943
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 12 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	150	ug/kg	NA
Unknown	740	ug/kg	NA
Unknown	360	ug/kg	NA
Unknown	900	ug/kg	NA
Unknown	1000	ug/kg	NA
Unknown	2400	ug/kg	NA
Unknown	1200	ug/kg	NA
Unknown	3900	ug/kg	NA
Unknown	3300	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 20%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-3FT
Lab ID: 004465-0005-SA Enseco ID: 2028944
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 12 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	470	ug/kg	NA
Unknown	620	ug/kg	NA
Unknown	620	ug/kg	NA
Unknown	740	ug/kg	NA
Unknown	640	ug/kg	NA
Unknown	3200	ug/kg	NA
Unknown	720	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1C-OFT
Lab ID: 004465-0006-SA Enseco ID: 2028945
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: NA Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 55%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1C-2FT
Lab ID: 004465-0007-SA Enseco ID: 2028946
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 12 SEP 89 Analyzed: 19 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	160	ug/kg	NA
Unknown	1500	ug/kg	NA
Unknown	180	ug/kg	NA
Unknown alkene	1500	ug/kg	NA
Unknown	770	ug/kg	NA
C9H18 isomer	920	ug/kg	NA
Unknown	290	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 2.3%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1D-2.5FT
Lab ID: 004464-0001-SA Enseco ID: 2028932
Matrix: SOIL Sampled: 08 SEP 89 Received: 08 SEP 89
Authorized: 11 SEP 89 Prepared: 12 SEP 89 Analyzed: 20 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	1300	ug/kg	NA
Unknown	2000	ug/kg	NA
C9H16 isomer	1100	ug/kg	NA
Unknown	7500	ug/kg	NA
C9H16 isomer	5200	ug/kg	NA
C9H16 isomer	5000	ug/kg	NA
C9H16 isomer	1900	ug/kg	NA
Unknown	10000	ug/kg	NA
Unknown	11000	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 16%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1E-0FT
Lab ID: 004464-0002-SA Enseco ID: 2028933
Matrix: SOIL Sampled: 08 SEP 89 Received: 08 SEP 89
Authorized: 11 SEP 89 Prepared: NA Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1E-4.FT
Lab ID: 004464-0003-SA Enseco ID: 2028936
Matrix: SOIL Sampled: 08 SEP 89 Received: 08 SEP 89
Authorized: 11 SEP 89 Prepared: 12 SEP 89 Analyzed: 19 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	8700	ug/kg	NA
C9H16 isomer	810	ug/kg	NA
Unknown	8800	ug/kg	NA
Unknown	5000	ug/kg	NA
C9H18 isomer	3400	ug/kg	NA
C9H18 isomer	2200	ug/kg	NA
C9H18 isomer	6900	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 12%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SL-3-1E-5.5FT
Lab ID: 004464-0004-SA Enseco ID: 2028938
Matrix: SOIL Sampled: 08 SEP 89 Received: 08 SEP 89
Authorized: 11 SEP 89 Prepared: 12 SEP 89 Analyzed: 20 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	1700	ug/kg	NA
Unknown	4000	ug/kg	NA
C6H10 isomer	2700	ug/kg	NA
Unknown	4700	ug/kg	NA
Unknown	25000	ug/kg	NA
Unknown	27000	ug/kg	NA
C9H18 isomer	13000	ug/kg	NA
Unknown	8000	ug/kg	NA
Unknown	49000	ug/kg	NA
TID Compound 10	ND	ug/kg	NA

Percent Moisture is 56%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

3. SEMIVOLATILE ORGANICS

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH AND APRIL 1989	QUANTITATION LIMIT (ug/kg)	SL-1-3 0 Ft	SL-1-3 1.8 Ft	SL-1-3 4.5 Ft	SL-1-1 SURFACE	SL-1-1 0.5 Ft	SL-2-1	SL-2-2	SL-2-3 SURFACE
Phenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
bis (Chloroethyl) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2-Chlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
1,3-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
1,4-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Benzyl alchohol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
1,2-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
bis(Chloroisopropyl) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
4-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
N-Nitro-di-n-propylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Hexachloroethane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Nitrobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Isophorone	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2-Nitrophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2,4-Dimethylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Benzoic acid	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	3200 J	ND
bis(Chloroethoxy)methane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2,4-Dichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
1,2,4-Trichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Naphthalene	330	190 J	72 J	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
4-Chloroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Hexachlorobutadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
4-Chloro-3-methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2-Methylnapthalene	330	59 J	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Hexachlorocyclopentadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2,4,6-Trichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2,4,5-Trichlorophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2-Chloronapthalene	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Dimethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Acenaphthylene	330	68 J	54 J	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2,6-Dinitrotoluene	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
3-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Quantitation Limit Multiplier		1.24	1.15	1.39	2.27	1.12	1.91	1.42	1.42

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH AND APRIL 1989	QUANTITATION LIMIT (ug/kg)	SL-1-3 SURFACE	SL-1-3 1.8 Ft	SL-1-3 4.5 Ft	SL-1-1 SURFACE	SL-1-1 0.5 Ft	SL-2-1 SURFACE	SL-2-2 SURFACE	SL-2-3 SURFACE
Acenaphthene	330	100 J	110 J	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2,4-Dinitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
4-Nitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Dibenzofuran	330	170 J	94 J	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
2,4-Dinitrotoluene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Diethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
4-Chlorophenol phenol ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Fluorene	330	170 J	120 J	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
4-Nitroaniline	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
4,6-Dinitro-2-methylphenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
N-Nitrosodiphenylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
4-Bromophenyl phenyl ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Hexachlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Pentachlorophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Phenanthrene	330	1900 J	1300 J	ND UJ	640 J	ND UJ	75 J	72 J	94 J
Antracene	330	220 J	220 J	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Di-n-butyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Flouranthene	330	2000 J	1600 J	ND UJ	910 J	ND UJ	130 J	130 J	160 J
Pyrene	330	1700 J	1400 J	ND UJ	820 J	ND UJ	120 J	130 J	160 J
Butyl benzyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
3,3'-Dichlorobenzidine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Benzo(a)anthracene	330	720 J	670 J	ND UJ	370 J	ND UJ	ND *	61 J	71 J
Chrysene	330	790 J	720 J	ND UJ	410 J	ND UJ	84 J	82 J	100 J
bis (2-Ethylhexyl) phthalate	330	410 U	380 U	460 U	750 U	370 U	69 J	53 J	470 U
Di-n-octyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND UJ	ND
Benzo (b) Flouranthene	330	1200 J	1200 J	ND UJ	660 J	ND UJ	110 J	110 J	170 J
Benzo (k) Flouranthene	330	1200 J	1200 J	ND UJ	660 J	ND UJ	110 J	110 J	170 J
Benzo (a) pyrene	330	620 J	570 J	ND UJ	340 J	ND UJ	63 J	75 J	85 J
Indeno(1,2,3-c,d)pyrene	330	470 J	370 J	ND UJ	250 J	ND UJ	ND *	ND UJ	79 J
Dibenzo(a,h)anthracene	330	140 J	120 J	ND UJ	85 J	ND UJ	ND *	ND UJ	ND
Benzo(g,h,i)perylene	330	400 J	290 J	ND UJ	250 J	ND UJ	ND *	ND UJ	74 J
Quantitation Limit Multiplier		1.24	1.15	1.39	2.27	1.12	1.91	1.42	1.42

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

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SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-2-4 0.75 Ft	SL-2-4 1.5 Ft	SL-3-1 SURFACE	SL-3-1 3.5 Ft	SL-3-1 5.5 Ft	SL-3-1 5.5 FtD	SL-4-1A 4.0 Ft	SL-4-1A 10.0 Ft
Phenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
bis (Chloroethyl) ether	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2-Chlorophenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
1,3-Dichlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
1,4-Dichlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Benzyl alchohol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
1,2-Dichlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2-Methylphenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
bis(Chloroisopropyl) ether	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4-Methylphenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
N-Nitro-di-n-propylamine	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Hexachloroethane	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Nitrobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Isophorone	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2-Nitrophenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
2,4-Dimethylphenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
Benzoic acid	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
bis(Chloroethoxy)methane	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2,4-Dichlorophenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
1,2,4-Trichlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Naphthalene	330	ND	ND	96 J	42000 J	10000 J	8800 J	190 J	78 J
4-Chloroaniline	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Hexachlorobutadiene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4-Chloro-3-methylphenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
2-Methylnapthalene	330	ND	ND	ND UJ	8900 J	2700 J	3400 J	ND	ND
Hexachlorocyclopentadiene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2,4,6-Trichlorophenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
2,4,5-Trichlorophenol	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
2-Chloronapthalene	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2-Nitroaniline	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Dimethyl phthalate	330	ND	ND	400 U	ND UJ	ND UJ	ND UJ	ND	ND
Acenaphthylene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2,6-Dinitrotoluene	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
3-Nitroaniline	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Quantitation Limit Multiplier		1.61	1.52	1.21	115	13	9.70	1.55	1.33

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

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SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-2-4 0.75 Ft	SL-2-4 1.5 Ft	SL-3-1 SURFACE	SL-3-1 3.5 Ft	SL-3-1 5.5 Ft	SL-3-1D 5.5 Ft	SL-4-1A 4.0 Ft	SL-4-1A 10.0 Ft
Acenaphthene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2,4-Dinitrophenol	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
4-Nitrophenol	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
Dibenzofuran	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
2,4-Dinitrotoluene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Diethyl phthalate	330	ND	58	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4-Chlorophenol phenol ether	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Fluorene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4-Nitroaniline	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4,6-Dinitro-2-methylphenol	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
N-Nitrosodiphenylamine	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4-Bromophenyl phenyl ether	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Hexachlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Pentachlorophenol	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND
Phenanthrene	330	69	ND	83 J	ND UJ	ND UJ	630 J	ND	66 J
Anthracene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Di-n-butyl phthalate	330	ND	ND	ND UJ	4400 J	ND UJ	380 J	510 U	440 U
Flouranthene	330	110	ND	120 J	ND UJ	ND UJ	ND UJ	ND	ND
Pyrene	330	98	ND	120 J	ND UJ	ND UJ	ND UJ	ND	ND
Butyl benzyl phthalate	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
3,3'-Dichlorobenzidine	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Benzo(a)anthracene	330	55	ND	79 J	ND UJ	ND UJ	ND UJ	ND	ND
Chrysene	330	61	ND	81 J	ND UJ	ND UJ	ND UJ	ND	46 J
bis (2-Ethylhexyl) phthalate	330	530 U	ND	400 U	38000 U	4300 U	3200 U	510 U	440 U
Di-n-octyl phthalate	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Benzo(b)fluoranthene	330	100 J	ND	120 J	ND UJ	ND UJ	ND UJ	ND	ND
Benzo(k)fluoranthene	330	100 J	ND	120 J	ND UJ	ND UJ	ND UJ	ND	ND
Benzo(a)pyrene	330	56	ND	68 J	ND UJ	ND UJ	ND UJ	ND	ND
Indeno(1,2,3-c,d)pyrene	330	ND	ND	59 J	ND UJ	ND UJ	ND UJ	ND	ND
Dibenzo(a,h)anthracene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Benzo(g,h,i)perylene	330	ND	ND	53 J	ND UJ	ND UJ	ND UJ	ND	ND
Quantitation Limit Multiplier		1.61	1.52	1.21	115	13	9.70	1.55	1.33

ND Compound was not detected.

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UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

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SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-4-1B 3.0 Ft	SL-4-1B 7.5 Ft	SL-4-1C 2.0 Ft	SL-4-1C 3.0 Ft	SL-4-2A 4.0 Ft	SL-4-2AD 4.0 Ft	SL-4-2B 12.5 Ft	SL-4-2B 17.0 Ft
Phenol	330	ND *	ND	ND	ND	ND *	ND *	ND	ND
bis (Chloroethyl) ether	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ
2-Chlorophenol	330	ND *	ND	ND	ND	ND *	ND *	ND	ND
1,3-Dichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alchohol	330	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	330	ND *	ND	ND	ND	ND *	ND *	ND	ND
bis(Chloroisopropyl) ether	330	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	330	ND *	ND	310 J	ND	ND *	ND *	ND	ND
N-Nitro-di-n-propylamine	330	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	330	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	330	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	330	ND *	ND	ND	ND	ND *	ND *	ND	ND
2,4-Dimethylphenol	330	ND *	ND	ND	ND	ND *	ND *	ND	ND
Benzoic acid	1650	ND *	ND	ND	ND	ND *	ND *	ND	ND
bis (Chloroethoxy) methane	330	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	330	ND *	ND	ND	ND	ND *	ND *	ND	ND
1,2,4-Trichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	330	ND	ND	1900 J	ND	ND	160 J	ND	ND
4-Chloroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	330	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	330	ND *	ND	ND	ND	ND *	ND *	ND	ND
2-Methylnapthalene	330	ND	ND	850 J	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	330	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	330	ND *	ND	ND	ND	ND *	ND *	ND	ND
2,4,5-Trichlorophenol	1650	ND *	ND	ND	ND	ND *	ND *	ND	ND
2-Chloronapthalene	1650	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	330	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	1650	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		1.91	1.27	4.85	1.27	1.76	1.45	1.55	1.09

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

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* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-4-1B 3.0 Ft	SL-4-1B 7.5 Ft	SL-4-1C 2.0 Ft	SL-4-1C 3.0 Ft	SL-4-2A 4.0 Ft	SL-4-2AD 4.0 Ft	SL-4-2B 12.5 Ft	SL-4-2B 17.0 Ft
Acenaphthene	330	ND	ND	1800	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1650	ND *	ND	ND	ND	ND *	ND *	ND	ND
4-Nitrophenol	1650	ND *	ND	ND	ND	ND *	ND *	ND	ND
Dibenzofuran	330	ND	ND	1400 J	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	330	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenol phenol ether	330	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	330	ND	ND	1900 J	ND	ND	ND	ND	ND
4-Nitroaniline	1650	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	1650	ND *	ND	ND	ND	ND *	ND *	ND	ND
N-Nitrosodiphenylamine	330	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	330	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	330	ND	18 J	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1650	ND *	ND	ND	ND	ND *	ND *	ND	ND
Phenanthrene	330	ND	ND	15000 J	48	ND	190 J	ND	ND
Anthracene	330	130 J	ND	3500 J	ND	ND	ND	ND	ND
Di-n-butyl phthalate	330	ND	420 U	1600 U	420 U	ND	56 J	ND	ND
Fluoranthene	330	ND	ND	16000 J	79	ND	250 J	ND	ND
Pyrene	330	ND	ND	12000 J	83	ND	250 J	ND	ND
Butyl benzyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	330	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	330	ND	ND	6800 J	49	ND	120 J	ND	ND
Chrysene	330	ND	ND	6400 J	74	ND	160 J	ND	ND
bis (2-Ethylhexyl) phthalate	330	ND	420 U	ND	420 U	580 U	480 U	510 U	360 U
Di-n-octyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	330	ND	ND	9200 J	100	ND	250 J	ND	ND
Benzo(k)fluoranthene	330	ND	ND	10000 J	ND	ND	250 J	ND	ND
Benzo(a)pyrene	330	ND	ND	5200 J	57	ND	120 J	ND	ND
Indeno(1,2,3-c,d)pyrene	330	ND	ND	3200 J	41	ND	78 J	ND	ND
Dibenzo(a,h)anthracene	330	ND	ND	870 J	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	330	ND	ND	2900 J	47	ND	90 J	ND	ND
Quantitation Limit Multiplier		1.91	1.27	4.85	1.27	1.76	1.45	1.55	1.09

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-4-2C 7.0 Ft	SL-4-2C 10.0 Ft	SL-5-1A 4.5 Ft	SL-5-1B 2.0 Ft	SL-5-1B 1.5 Ft	SL-5-2A 4.5 Ft	SL-5-2B 2.5 Ft	SL-5-2B 1.0 Ft
Phenol	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis (Chloroethyl) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Chlorophenol	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,3-Dichlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,4-Dichlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzyl alchohol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,2-Dichlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Methylphenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis(Chloroisopropyl) ether	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Methylphenol	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	110 J	ND UJ
N-Nitro-di-n-propylamine	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachloroethane	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Nitrobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Isophorone	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Nitrophenol	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dimethylphenol	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzoic acid	1650	ND *	ND	ND UJ	ND UJ	2000 J	ND UJ	ND UJ	ND UJ
bis(Chloroethoxy)methane	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dichlorophenol	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,2,4-Trichlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Naphthalene	330	ND	ND	2000 J	ND UJ	ND UJ	1100 J	550 J	4500 J
4-Chloroaniline	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobutadiene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Chloro-3-methylphenol	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Methylnapthalene	330	ND	ND	720 J	ND UJ	ND UJ	ND UJ	72 J	1900 J
Hexachlorocyclopentadiene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4,6-Trichlorophenol	330	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4,5-Trichlorophenol	1650	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Chloronapthalene	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Nitroaniline	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dimethyl phthalate	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Acenaphthylene	330	ND	ND	1600 J	ND UJ	ND UJ	1100 J	70 J	1700 J
2,6-Dinitrotoluene	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
3-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		1.58	1.27	8.48	1.09	1.55	30.3	1.67	27.3

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-4-2C 7.0 Ft	SL-4-2C 10.0 Ft	SL-5-1A 4.5 Ft	SL-5-1B 2.0 Ft	SL-5-1B 1.5 Ft	SL-5-2A 4.5 Ft	SL-5-2B 2.5 Ft	SL-5-2B 1.0 Ft
Acenaphthene	330	ND	ND	1900 J	ND UJ	ND UJ	3400 J	92 J	6000 J
2,4-Dinitrophenol	1650	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitrophenol	1650	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dibenzofuran	330	ND	ND	1600 J	ND UJ	ND UJ	2200 J	73 J	4600 J
2,4-Dinitrotoluene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Diethyl phthalate	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Chlorophenol phenol ether	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Fluorene	330	ND	ND	2100 J	ND UJ	ND UJ	3600 J	100 J	5600 J
4-Nitroaniline	1650	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4,6-Dinitro-2-methylphenol	1650	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
N-Nitrosodiphenylamine	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	800 J	ND UJ
4-Bromophenyl phenyl ether	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobenzene	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Pentachlorophenol	1650	ND *	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Phenanthrene	330	ND	ND	21000 J	ND UJ	140 J	32000 J	900 J	70000 J
Anthracene	330	ND	ND	5700 J	ND UJ	ND UJ	9000 J	180 J	13000 J
Di-n-butyl phthalate	330	ND	49 J	ND UJ	ND UJ	ND UJ	ND UJ	700 J	ND UJ
Fluoranthene	330	ND	44 J	30000 J	ND UJ	200 J	44000 J	1000 J	70000 J
Pyrene	330	ND	ND	32000 J	ND UJ	190 J	42000 J	1200 J	57000 J
Butyl benzyl phthalate	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
3,3'-Dichlorobenzidine	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(a)anthracene	330	ND	ND	18000 J	ND UJ	110 J	22000 J	630 J	32000 J
Chrysene	330	ND	ND	18000 J	ND UJ	140 J	24000 J	700 J	34000 J
bis (2-Ethylhexyl) phthalate	330	520 U	420 U	ND UJ	ND UJ	53 J	ND UJ	ND UJ	1700 J
Di-n-octyl phthalate	330	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(b)fluoranthene	330	ND	50 J	32000 J	ND UJ	240 J	25000 J	2000 J	55000 J
Benzo(k)fluoranthene	330	ND	50 J	32000 J	ND UJ	240 J	19000 J	2000 J	55000 J
Benzo(a)pyrene	330	ND	ND	16000 J	ND UJ	110 J	20000 J	480 J	25000 J
Indeno(1,2,3-c,d)pyrene	330	ND	ND	7900 J	ND UJ	61 J	6200 J	270 J	8400 J
Dibenzo(a,h)anthracene	330	ND	ND	2300 J	ND UJ	ND UJ	ND UJ	ND UJ	3100 J
Benzo(g,h,i)perylene	330	ND	ND	6000 J	ND UJ	ND UJ	6000 J	270 J	7100 J
Quantitation Limit Multiplier		1.58	1.27	8.48	1.09	1.55	30.3	1.67	27.3

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

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* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-5-2C 2.5 Ft	SL-5-2C 2.5Dft	SL-5-2C 0.5 Ft	SL-6	SL-7	SL-8	SL-9	SL-10
Phenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis (Chloroethyl) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Chlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,3-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,4-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzyl alchohol	330	62 J	110 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,2-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Methylphenol	330	ND UJ	51 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis(Chloroisopropyl) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
N-Nitro-di-n-propylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachloroethane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Nitrobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Isophorone	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Nitrophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dimethylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzoic acid	1650	ND UJ	1900 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis(Chloroethoxy)methane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,2,4-Trichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Naphthalene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Chloroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobutadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Chloro-3-methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Methylnapthalene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorocyclopentadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4,6-Trichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4,5-Trichlorophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Chloronapthalene	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dimethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	50 UJ	ND UJ	ND UJ	ND UJ
Acenaphthylene	330	ND UJ	ND UJ	22000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,6-Dinitrotoluene	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
3-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		1.21	1.27	455	1.33	1.36	1.12	1.21	1.73

ND Compound was not detected.

U *This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.*

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-5-2C 2.5 Ft	SL-5-2C 2.5DFt	SL-5-2C 0.5 Ft	SL-6	SL-7	SL-8	SL-9	SL-10
Acenaphthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dinitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dibenzofuran	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dinitrotoluene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Diethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Chlorophenol phenol ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Fluorene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitroaniline	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4,6-Dinitro-2-methylphenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
N-Nitrosodiphenylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Bromophenyl phenyl ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Pentachlorophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Phenanthrene	330	ND UJ	ND UJ	160000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Anthracene	330	ND UJ	ND UJ	33000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Di-n-butyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Fluoranthene	330	ND UJ	ND UJ	590000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Pyrene	330	ND UJ	ND UJ	590000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Butyl benzyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
3,3'-Dichlorobenzidine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(a)anthracene	330	ND UJ	ND UJ	550000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Chrysene	330	ND UJ	ND UJ	640000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis (2-Ethylhexyl) phthalate	330	1300 J	1100 J	ND UJ	180 J	87 J	ND UJ	1100 J	550 J
Di-n-octyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(b)fluoranthene	330	ND UJ	ND UJ	920000 J	ND UJ	53 J	ND UJ	ND UJ	ND UJ
Benzo(k)fluoranthene	330	ND UJ	ND UJ	640000 J	ND UJ	53 J	ND UJ	ND UJ	ND UJ
Benzo(a)pyrene	330	ND UJ	ND UJ	710000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Indeno(1,2,3-c,d)pyrene	330	ND UJ	ND UJ	240000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dibenzo(a,h)anthracene	330	ND UJ	ND UJ	110000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(g,h,i)perylene	330	ND UJ	ND UJ	240000 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		1.21	1.27	455	1.33	1.36	1.12	1.21	1.73

ND Compound was not detected.
U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.
UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.
J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).
* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH AND APRIL 1989	QUANTITATION LIMIT (ug/kg)	SL-11	SL-12	SL-13	SL-14	SL-15	SL-16
Phenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis (Chloroethyl) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Chlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,3-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,4-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzyl alchohol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,2-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis(Chloroisopropal) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
N-Nitro-di-n-propylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachloroethane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Nitrobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Isophorone	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Nitrophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dimethylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzoic acid	1650	ND UJ	ND UJ	ND UJ	ND UJ	1700 J	ND UJ
bis(Chloroethoxy)methane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
1,2,4-Trichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Naphthalene	330	ND UJ	77 J	ND UJ	ND UJ	ND UJ	64 J
4-Chloroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobutadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Chloro-3-methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Methylnapthalene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorocyclopentadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4,6-Trichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4,5-Trichlorophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Chloronapthalene	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dimethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Acenaphthylene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,6-Dinitrotoluene	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
3-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		1.58	1.24	1.30	1.24	1.45	1.48

ND Compound was not detected.

U *This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.*

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

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SALEM ACRES RI/FS SAMPLE RESULTS MARCH AND APRIL 1989	QUANTITATION LIMIT (ug/kg)	SL-11	SL-12	SL-13	SL-14	SL-15	SL-16
Acenaphthene	330	ND UJ	110 J	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dinitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dibenzofuran	330	ND UJ	65 J	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dinitrotoluene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Diethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Chlorophenol phenol ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Fluorene	330	ND UJ	110 J	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitroaniline	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4,6-Dinitro-2-methylphenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
N-Nitrosodiphenylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Bromophenyl phenyl ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Pentachlorophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Phenanthrene	330	69 J	1400 J	ND UJ	ND UJ	ND UJ	390 J
Antracene	330	ND UJ	260 J	ND UJ	ND UJ	ND UJ	75 J
Di-n-butyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Flouranthene	330	120 J	2100 J	ND UJ	ND UJ	92 J	670 J
Pyrene	330	100 J	1700 J	ND UJ	ND UJ	92 J	690 J
Butyl benzyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
3,3'-Dichlorobenzidine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(a)anthracene	330	ND UJ	1100 J	ND UJ	ND UJ	ND UJ	480 J
Chrysene	330	82 J	1100 J	ND UJ	ND UJ	57 J	520 J
bis (2-Ethylhexyl) phthalate	330	320 J	ND UJ	560 J	540 J	60 J	70 J
Di-n-octyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(b)fluoranthene	330	110 J	1800 J	ND UJ	ND UJ	59 J	760 J
Benzo(k)fluoranthene	330	110 J	1800 J	ND UJ	ND UJ	59 J	760 J
Benzo(a)pyrene	330	66 J	1000 J	ND UJ	ND UJ	ND UJ	450 J
Indeno(1,2,3-c,d)pyrene	330	53 J	750 J	ND UJ	ND UJ	ND UJ	220 J
Dibenzo(a,h)anthracene	330	ND UJ	200 J	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(g,h,i)perylene	330	ND UJ	540 J	ND UJ	ND UJ	ND UJ	220 J
Quantitation Limit Multiplier		1.58	1.24	1.30	1.24	1.45	1.48

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SEMIVOLATILES

SALEM ACRES RI/FS SOIL SAMPLE RESULTS September 1989	QUANTITATION LIMIT (ug/kg)	SL-1-1A 2 FT	SL-1-1B 1 FT	SL-1-1C 2 FT	SL-1-1C 2 FT D	SL-1-1D 5.5 FT	SL-1-1E 1 FT	SL-3-1A 2 FT	SL-3-1A 2 FT D	SL-3-1A 4.5 FT	SL-3-1B SURFACE
Phenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis (Chloroethyl) ether	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Chlorophenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,3-Dichlorobenzene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,4-Dichlorobenzene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzyl alchohol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,2-Dichlorobenzene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Methylphenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis(Chloroisopropal) ether	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Methylphenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	100 J	ND
N-Nitro-di-n-propylamine	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachloroethane	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Nitrobenzene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Isophorone	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Nitrophenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dimethylphenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzoic acid	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis(Chloroethoxy)methane	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dichlorophenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,2,4-Trichlorobenzene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Naphthalene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	120 J	87 J	75 J
4-Chloroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachlorobutadiene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Chloro-3-methylphenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Methylnapthalene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachlorocyclopentadiene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4,6-Trichlorophenol	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4,5-Trichlorophenol	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Chloronapthalene	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Nitroaniline	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dimethyl phthalate	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	53 J
Acenaphthylene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,6-Dinitrotoluene	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
3-Nitroaniline	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Quantitation Limit Multiplier		1.27	1.09	1.15	1.09	1.24	1.24	2.06	2.45	1.15	1.09

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS September 1989	QUANTITATION LIMIT (ug/kg)	SL-1-1A 2 FT	SL-1-1B 1 FT	SL-1-1C 2 FT	SL-1-1C 2 FT D	SL-1-1D 5.5 FT	SL-1-1E 1 FT	SL-3-1A 2 FT	SL-3-1A 2 FT D	SL-3-1A 4.5 FT	SL-3-1B SURFACE
Acenaphthene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dinitrophenol	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Nitrophenol	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dibenzofuran	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dinitrotoluene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Diethyl phthalate	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Chlorophenol phenol ether	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Fluorene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Nitroaniline	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4,6-Dinitro-2-methylphenol	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
N-Nitrosodiphenylamine	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Bromophenyl phenyl ether	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachlorobenzene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Pentachlorophenol	1650	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Phenanthrene	330	ND	130 J	ND	ND	ND UJ	ND UJ	230 J	220 J	ND UJ	130 J
Antracene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Di-n-butyl phthalate	330	450	630	180 J	420	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	1400
Flouranthene	330	ND	240 J	ND	ND	ND UJ	ND UJ	300 J	290 J	ND UJ	170 J
Pyrene	330	ND	220 J	ND	ND	ND UJ	ND UJ	270 J	250 J	ND UJ	190 J
Butyl benzyl phthalate	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	120 J
3,3'-Dichlorobenzidine	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo(a)anthracene	330	ND	110 J	ND	ND	ND UJ	ND UJ	140 J	110 J	ND UJ	110 J
Chrysene	330	ND	120 J	ND	ND	ND UJ	ND UJ	170 J	130 J	ND UJ	120 J
bis (2-Ethylhexyl) phthalate	330	ND	ND	ND	ND	ND UJ	ND UJ	80 J	ND UJ	ND UJ	130 J
Di-n-octyl phthalate	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo (b) Flouranthene	330	ND	150 J	ND	ND	ND UJ	ND UJ	210 J	180 J	ND UJ	190 J
Benzo (k) Flouranthene	330	ND	150 J	ND	ND	ND UJ	ND UJ	210 J	180 J	ND UJ	190 J
Benzo (a) pyrene	330	ND	77 J	ND	ND	ND UJ	ND UJ	110 J	94 J	ND UJ	82 J
Indeno(1,2,3-c,d)pyrene	330	ND	54 J	ND	ND	ND UJ	ND UJ	73 J	ND UJ	ND UJ	62 J
Dibenzo(a,h)anthracene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo(g,h,i)perylene	330	ND	51 J	ND	ND	ND UJ	ND UJ	75 J	ND UJ	ND UJ	55 J
Quantitation Limit Multiplier		1.27	1.09	1.15	1.09	1.24	1.24	2.06	2.45	1.15	1.09

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SEMIVOLATILES

SALEM ACRES RI/FS SOIL SAMPLE RESULTS September 1989	QUANTITATION LIMIT (ug/kg)	SL-3-1B 1 FT	SL-3-1B 1 FT D	SL-3-1B 2.5 FT	SL-3-1B 3 FT	SL-3-1C 0 FT	SL-3-1C 2 FT	SL-3-1D 2.5 FT	SL-3-1E 0 FT	SL-3-1E 4.5 FT	SL-3-1E 5.5 FT
Phenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis (Chloroethyl) ether	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alchohol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(Chloroisopropal) ether	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	330	ND	ND	ND	ND	ND	ND	ND	ND		ND
N-Nitro-di-n-propylamine	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	1650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(Chloroethoxy)methane	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	330	ND	ND	2100	240,000	490 J	4400 J	500 J	140 J	79,000	3400
4-Chloroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnapthalene	330	ND	ND	1100 J	81,000 J	340 J	1500 J	590 J	47 J	410,000 J	1700 J
Hexachlorocyclopentadiene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	1650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronapthalene	1650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	1650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		2.33	11.5	5.15	394	2.24	10.3	3.63	1.18	455	4.55

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SEMIVOLATILES

SALEM ACRES RI/FS SOIL SAMPLE RESULTS September 1989	QUANTITATION LIMIT (ug/kg)	SL-3-1B 1 FT	SL-3-1B 1 FT D	SL-3-1B 2.5 FT	SL-3-1B 3 FT	SL-3-1C 0 FT	SL-3-1C 2 FT	SL-3-1D 2.5 FT	SL-3-1E 0 FT	SL-3-1E 4.5 FT	SL-3-1E 5.5 FT
Acenaphthene	330	ND	ND	ND	ND	580 J	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	1650	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ
Dibenzofuran	330	ND	ND	ND	ND	600 J	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	330	ND	ND	ND	ND	99 J	ND	ND	47 J	ND	ND
4-Chlorophenol phenol ether	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	330	ND	ND	ND	ND	740	ND	ND	ND	ND	ND
4-Nitroaniline	1650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	1650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1650	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	330	230 J	560 J	210 J	ND	5100	1000 J	130 J	290 J	ND	270 J
Antracene	330	ND	ND	ND	ND	1500	ND	ND	ND	ND	ND
Di-n-butyl phthalate	330	860 J	1700 J	1100 J	ND	2700	1200 J	1400	1600	ND	2000
Flouranthene	330	260 J	ND	ND	ND	3800	1100 J	ND	410	ND	ND
Pyrene	330	280 J	ND	ND	ND	4000	930 J	ND	360 J	ND	ND
Butyl benzyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	330	130 J	ND	ND	ND	1900	480 J	ND	200 J	ND	ND
Chrysene	330	130 J	ND	ND	ND	1900	450 J	ND	210 J	ND	ND
bis (2-Ethylhexyl) phthalate	330	210 J	2300 J	390 J	ND	150 J	ND	470 J	170 J	ND	590 J
Di-n-octyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	330	190 J	ND	ND	ND	2400 J	600 J	ND	330 J	ND	ND
Benzo(k)fluoranthene	330	190 J	ND	ND	ND	2400 J	600 J	ND	330 J	ND	ND
Benzo(a)pyrene	330	ND	ND	ND	ND	1400	ND	ND	160 J	ND	ND
Indeno(1,2,3-c,d)pyrene	330	ND	ND	ND	ND	670 J	ND	ND	120 J	ND	ND
Dibenzo(a,h)anthracene	330	ND	ND	ND	ND	190 J	ND	ND	56 J	ND	ND
Benzo(g,h,i)perylene	330	ND	ND	ND	ND	560 J	ND	ND	120 J	ND	ND
Quantitation Limit Multiplier		2.33	11.5	5.15	394	2.24	10.3	3.63	1.18	455	4.55

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

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4. SEMIVOLATILE TICS

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-3-0 FT
Lab ID: 003122-0001-SA Enseco ID: 2018810
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 06 APR 89 Analyzed: 13 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	250	ug/kg	NA
Methylphenanthrene/anthracene isomer	200	ug/kg	NA
Methylphenanthrene/anthracene isomer	230	ug/kg	NA
C15H10 aromatic isomer	310	ug/kg	NA
Anthracenedione/phenanthrenedione isomer	420	ug/kg	NA
Unknown	250	ug/kg	NA
C17H12 aromatic isomer	260	ug/kg	NA
Unknown	260	ug/kg	NA
Unknown alkene	540	ug/kg	NA
Benzo(j)fluoranthene	270	ug/kg	NA
Unknown oxygen-containing compound	360	ug/kg	NA
Benzo(e)pyrene	380	ug/kg	NA
Unknown	1200	ug/kg	NA
Unknown	280	ug/kg	NA
Unknown aldehyde	400	ug/kg	NA
Unknown alkane	780	ug/kg	NA
Unknown aldehyde	200	ug/kg	NA
Unknown	270	ug/kg	NA
Unknown	490	ug/kg	NA
Unknown	400	ug/kg	NA

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Paula DiMattei Approved By: Nancy Rothman

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-3-1.8 FT
Lab ID: 003122-0002-SA Enseco ID: 2018811
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 06 APR 89 Analyzed: 13 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alkenoic acid	550 J	ug/kg	NA
Anthracenedione/phenanthrenedione isomer	600 J	ug/kg	NA
Sulfur, mol. (S8)	710 J	ug/kg	NA
C18H12 & C18H10 isomers	520 J	ug/kg	NA
Unknown	1900 J	ug/kg	NA
Unknown alcohol	3400 J	ug/kg	NA
Unknown alkane	950 J	ug/kg	NA
Unknown aldehyde	620 J	ug/kg	NA
Benzo(e)pyrene	500 J	ug/kg	NA
Unknown alcohol	4400 J	ug/kg	NA
Unknown alkane	600 J	ug/kg	NA
Unknown steroid	700 J	ug/kg	NA
Unknown alcohol	3100 J	ug/kg	NA
Unknown steroid	1200 J	ug/kg	NA
C22H14 aromatic isomer	520 J	ug/kg	NA
Unknown steroid	480 J	ug/kg	NA
Unknown	490 J	ug/kg	NA
Unknown	1900 J	ug/kg	NA
Unknown	620 J	ug/kg	NA
Unknown	780 J	ug/kg	NA

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-3-4.5 FT
Lab ID: 003122-0003-SA Enseco ID: 2018812
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 06 APR 89 Analyzed: 13 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	1200	ug/kg	NA
Unknown	490	ug/kg	NA
Unknown	770	ug/kg	NA
Unknown	1100	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 29%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-1 SURFACE
Lab ID: 003122-0005-SA Enseco ID: 2018814
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 06 APR 89 Analyzed: 13 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	530	ug/kg	NA
Unknown aldehyde	320	ug/kg	NA
Unknown alkane	1300	ug/kg	NA
Unknown alkane	1100	ug/kg	NA
Unknown	500	ug/kg	NA
Unknown	320	ug/kg	NA
Unknown	370	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 56%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-1-0.5 FT
Lab ID: 003122-0006-SA
Matrix: SOIL
Authorized: 31 MAR 89

Enseco ID: 2018815
Sampled: 29 MAR 09
Prepared: 06 APR 89

Received: 30 MAR 89
Analyzed: 13 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 11%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Nancy Rothman

Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1-3.5 FT
Lab ID: 003122-0008-SA Enseco ID: 2018819
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 11 APR 89 Analyzed: 14 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C9H20 isomer - alkane	450000 J	ug/kg	NA
Alkyl-Substituted cyclohexane	310000 J	ug/kg	NA
~~C10H22 isomer~~ = alkane	440000 J	ug/kg	NA
Ethyl methyl benzene isomer	520000 J	ug/kg	NA
C10H22 isomer - alkane	440000 J	ug/kg	NA
C10H22 isomer - alkane	460000 J	ug/kg	NA
C10H20 isomer - cyclic hydrocarbon	500000 J	ug/kg	NA
Trimethyl benzene isomer	390000 J	ug/kg	NA
~~C10H22 isomer~~ alkane	1500000 J	ug/kg	NA
Ethyl methyl benzene isomer	740000 J	ug/kg	NA
C11H24 isomer alkane	550000 J	ug/kg	NA
Unknown	370000 J	ug/kg	NA
Unknown	300000 J	ug/kg	NA
C11H24 isomer	320000 J	ug/kg	NA
Methylpropylbenzene isomer	750000 J	ug/kg	NA
Unknown alkane	310000 J	ug/kg	NA
Unknown alkane	680000 J	ug/kg	NA
Alkyl-Substituted benzene	480000 J	ug/kg	NA
Unknown alkane	1400000 J	ug/kg	NA
Substituted cyclohexane	240000 J	ug/kg	NA

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1-5.5 FT
Lab ID: 003122-0009-SA Enseco ID: 2018821
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 06 APR 89 Analyzed: 14 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C10H22 isomer	43000	ug/kg	NA
Ethyl methyl benzene isomer	53000	ug/kg	NA
Unknown alkane	53000	ug/kg	NA
C10H20 isomer	59000	ug/kg	NA
Trimethyl benzene isomer	44000	ug/kg	NA
Ethyl methyl benzene isomer	67000	ug/kg	NA
C11H24 isomer	68000	ug/kg	NA
Unknown cyclic hydrocarbon	37000	ug/kg	NA
C11H24 isomer	38000	ug/kg	NA
Methylpropylbenzene isomer	67000	ug/kg	NA
Unknown	63000	ug/kg	NA
C10H14 isomer	66000	ug/kg	NA
Ethyldimethylbenzene isomer	70000	ug/kg	NA
C4-benzene isomer	64000	ug/kg	NA
C5-Benzene isomer	37000	ug/kg	NA
C4-benzene isomer	83000	ug/kg	NA
Substituted cyclohexane	38000	ug/kg	NA
Unknown	49000	ug/kg	NA
Unknown steroid	54000	ug/kg	NA
Unknown	99000	ug/kg	NA

Percent Moisture is 8.8%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1 SURFACE
Lab ID: 003122-0011-SA Enseco ID: 2018827
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 11 APR 89 Analyzed: 16 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Pentadecanoic acid	410	ug/kg	NA
Hexadecanoic acid	3500	ug/kg	NA
Unknown	1100	ug/kg	NA
Unknown	530	ug/kg	NA
Unknown alcohol	1600	ug/kg	NA
Unknown	870	ug/kg	NA
Unknown	2400	ug/kg	NA
Unknown	560	ug/kg	NA
Unknown aldehyde	410	ug/kg	NA
Unknown steroid	2100	ug/kg	NA
Unknown alkane	1200	ug/kg	NA
Unknown	2900	ug/kg	NA
Unknown	830	ug/kg	NA
Unknown steroid	560	ug/kg	NA
Unknown	920	ug/kg	NA
Unknown steroid	750	ug/kg	NA
Unknown	530	ug/kg	NA
Unknown	340	ug/kg	NA
Unknown	460	ug/kg	NA
Unknown	680	ug/kg	NA

Percent Moisture is 17%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1-5.5 FT D
Lab ID: 003122-0012-SA Enseco ID: 2018828
Matrix: SOIL Sampled: 29 MAR 09 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 06 APR 89 Analyzed: 14 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C10H22 isomer	44000	ug/kg	NA
Unknown alcohol	50000	ug/kg	NA
C10H22 isomer	54000	ug/kg	NA
C10H20 isomer	62000	ug/kg	NA
Trimethyl benzene isomer	43000	ug/kg	NA
Ethyl methyl benzene isomer	61000	ug/kg	NA
C11H24 isomer	67000	ug/kg	NA
C11H24 isomer	70000	ug/kg	NA
Methylpropylbenzene isomer	79000	ug/kg	NA
Unknown	54000	ug/kg	NA
Unknown	67000	ug/kg	NA
Ethyldimethylbenzene isomer	76000	ug/kg	NA
C4-benzene isomer	72000	ug/kg	NA
Substituted benzene	49000	ug/kg	NA
Unknown	100000	ug/kg	NA
Unknown alkane	30000	ug/kg	NA
Substituted cyclohexane	51000	ug/kg	NA
Unknown	42000	ug/kg	NA
Unknown steroid	81000	ug/kg	NA
Unknown	100000	ug/kg	NA

Percent Moisture is 6.0%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-2-2
Lab ID: 003356-0006-SA Enseco ID: 2020596
Matrix: SOIL Sampled: 21 APR 89 Received: 21 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 25 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Benzaldehyde	640	ug/kg	NA
Unknown	510	ug/kg	NA
Unknown	880	ug/kg	NA
Unknown alcohol	2300	ug/kg	NA
Unknown	610	ug/kg	NA
Unknown aldehyde	400	ug/kg	NA
Unknown alcohol	4600	ug/kg	NA
Unknown	640	ug/kg	NA
Unknown	4300	ug/kg	NA
Unknown	7400	ug/kg	NA
Unknown	400	ug/kg	NA
Unknown alkane	560	ug/kg	NA
Unknown aldehyde	1400	ug/kg	NA
Unknown	420	ug/kg	NA
Unknown	6100	ug/kg	NA
Unknown	430	ug/kg	NA
Unknown	940	ug/kg	NA
Unknown	610	ug/kg	NA
Unknown	390	ug/kg	NA
Unknown	690	ug/kg	NA

Percent Moisture is 31%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-2-1
Lab ID: 003356-0007-SA Enseco ID: 2020597
Matrix: SOIL Sampled: 21 APR 89 Received: 21 APR 89
Authorized: 27 APR 89 Prepared: 31 MAY 89 Analyzed: 01 JUN 89

Parameter	Result	Dry Weight Units	Reporting Limit
Isopropyl acetate	1900	ug/kg	NA
Unknown ketone	2500	ug/kg	NA
Benzeneacetic acid	1100	ug/kg	NA
Hexandecanoic acid	710	ug/kg	NA
Hexanedioic acid, mono(2-ethylhexyl) ester	5200	ug/kg	NA
Unknown hydrocarbon	2500	ug/kg	NA
Unknown alcohol	5900	ug/kg	NA
Unknown alkane	670	ug/kg	NA
Unknown aldehyde	1300	ug/kg	NA
Unknown alkane	9000	ug/kg	NA
Unknown aldehyde	1200	ug/kg	NA
Unknown alkane	1500	ug/kg	NA
Unknown	2300	ug/kg	NA
Unknown	940	ug/kg	NA
Unknown aldehyde	860	ug/kg	NA
Unknown alkene	670	ug/kg	NA
C30H18O isomer	960	ug/kg	NA
Unknown	1400	ug/kg	NA
Unknown	3600	ug/kg	NA
Unknown	2100	ug/kg	NA

Percent Moisture is 48%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Nancy Rothman

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-15
Lab ID: 003356-0008-SA
Matrix: SOIL
Authorized: 27 APR 89

Enseco ID: 2020598
Sampled: 21 APR 89
Prepared: 02 MAY 89

Received: 21 APR 89
Analyzed: 25 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Benzaldehyde	980	ug/kg	NA
Unknown	630	ug/kg	NA
Substituted phenol	230	ug/kg	NA
Unknown alkene	440	ug/kg	NA
Unknown aldehyde	330	ug/kg	NA
Unknown	2100	ug/kg	NA
Unknown	420	ug/kg	NA
Unknown aldehyde	240	ug/kg	NA
Unknown alcohol	3200	ug/kg	NA
Unknown	290	ug/kg	NA
Unknown	390	ug/kg	NA
Unknown aldehyde	2300	ug/kg	NA
Unknown	3900	ug/kg	NA
Unknown	230	ug/kg	NA
Unknown aldehyde	860	ug/kg	NA
Unknown	480	ug/kg	NA
Unknown	2000	ug/kg	NA
Unknown	4700	ug/kg	NA
Unknown	2400	ug/kg	NA
Unknown	3300	ug/kg	NA

Percent Moisture is 34%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman

Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-2B-2.5 FT
Lab ID: 003078-0002-SA Enseco ID: 2018416
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 03 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	600	ug/kg	NA
C9H20 isomer	330	ug/kg	NA
Tetradecanoic acid	380	ug/kg	NA
Pentadecanoic acid	400	ug/kg	NA
Hexandecanoic acid	1200	ug/kg	NA
Unknown	550	ug/kg	NA
Octadecanoic acid	650	ug/kg	NA
Unknown	450	ug/kg	NA
C21H3002 isomer	420	ug/kg	NA
Unknown alcohol	2300	ug/kg	NA
Unknown alkene	820	ug/kg	NA
Unknown aldehyde	370	ug/kg	NA
Unknown alcohol	4000	ug/kg	NA
Unknown alcohol	1200	ug/kg	NA
Unknown aldehyde	780	ug/kg	NA
Unknown alcohol	4500	ug/kg	NA
Unknown alkane	4000	ug/kg	NA
Unknown steroid	920	ug/kg	NA
Unknown	980	ug/kg	NA
Unknown	450	ug/kg	NA

Percent Moisture is 40%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-2B-1 FT
Lab ID: 003078-0003-SA Enseco ID: 2018417
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
Methylphenanthrene/anthracene isomer	11000	ug/kg	NA
Methylphenanthrene/anthracene isomer	11000	ug/kg	NA
C15H10 aromatic isomer	15000	ug/kg	NA
2-Phenylnaphthalene	15000	ug/kg	NA
Dimethylphenanthrene/anthracene isomer	11000	ug/kg	NA
Unknown	12000	ug/kg	NA
Unknown	9700	ug/kg	NA
C17H12 aromatic isomer	17000	ug/kg	NA
C17H10O isomer	13000	ug/kg	NA
Benzo[b]naphthothiophene isomer	13000	ug/kg	NA
C18H12 & C18H10 isomers	17000	ug/kg	NA
C17H10O isomer	9300	ug/kg	NA
C18H12 isomer	15000	ug/kg	NA
Unknown	13000	ug/kg	NA
C19H14 aromatic isomer	14000	ug/kg	NA
C19H14 aromatic isomer	8800	ug/kg	NA
C20H14 aromatic isomer	15000	ug/kg	NA
C20H14 aromatic isomer	8500	ug/kg	NA
Benzo(j)fluoranthene	9900	ug/kg	NA
Benzo(e)pyrene	22000	ug/kg	NA

Percent Moisture is 35%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-2C-2.5 FT
Lab ID: 003078-0005-SA Enseco ID: 2018419
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	370	ug/kg	NA
C12H10O isomer	830	ug/kg	NA
Unknown	370	ug/kg	NA
Unknown	390	ug/kg	NA
C21H30O2 isomer	630	ug/kg	NA
Unknown alcohol	2400	ug/kg	NA
Unknown	470	ug/kg	NA
Unknown alkene	700	ug/kg	NA
Unknown alcohol	8600	ug/kg	NA
Unknown phthalate	710	ug/kg	NA
Unknown	350	ug/kg	NA
Unknown	1500	ug/kg	NA
Unknown aldehyde	1200	ug/kg	NA
Unknown alcohol	3100	ug/kg	NA
Unknown alcohol	350	ug/kg	NA
Unknown aldehyde	360	ug/kg	NA
Unknown alkane	880	ug/kg	NA
Unknown alkane	490	ug/kg	NA
Unknown	370	ug/kg	NA
C30H50O isomer	860	ug/kg	NA

Percent Moisture is 25%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-2C-2.5D FT
Lab ID: 003078-0007-SA Enseco ID: 2018421
Matrix: SOIL Sampled: 23 MAR 89 Received: 01 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
C12H10O isomer	1400	ug/kg	NA
Unknown	430	ug/kg	NA
Unknown	580	ug/kg	NA
Unknown	420	ug/kg	NA
Unknown	410	ug/kg	NA
C4-phenanthrene isomer	410	ug/kg	NA
Unknown	450	ug/kg	NA
C21H30O2 isomer	830	ug/kg	NA
Unknown	2000	ug/kg	NA
Unknown	640	ug/kg	NA
Unknown alcohol	7100	ug/kg	NA
Unknown	430	ug/kg	NA
Unknown	540	ug/kg	NA
Unknown alkene	1000	ug/kg	NA
Unknown aldehyde	510	ug/kg	NA
Unknown alcohol	2000	ug/kg	NA
Unknown	390	ug/kg	NA
Unknown alkane	670	ug/kg	NA
C30H50O isomer	470	ug/kg	NA
C30H50O isomer	450	ug/kg	NA

Percent Moisture is 24%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-2C-0.5 FT
Lab ID: 003078-0009-SA Enseco ID: 2018423
Matrix: SOIL Sampled: 23 MAR 89 Received: 01 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown PAH	100000	ug/kg	NA
C17H12 aromatic isomer	200000	ug/kg	NA
C17H12 aromatic isomer	150000	ug/kg	NA
C18H14 aromatic isomer	99000	ug/kg	NA
Benzo[b]naphthothiophene isomer	110000	ug/kg	NA
C18H12 & C18H10 isomers	150000	ug/kg	NA
Unknown	97000	ug/kg	NA
C18H12 isomer	220000	ug/kg	NA
Unknown	160000	ug/kg	NA
3-Fluorantheneamine	95000	ug/kg	NA
C19H14 aromatic isomer	180000	ug/kg	NA
Unknown	93000	ug/kg	NA
Unknown PAH	150000	ug/kg	NA
Benzo(j)fluoranthene	200000	ug/kg	NA
Unknown	120000	ug/kg	NA
Benzo(e)pyrene	490000	ug/kg	NA
C21H14 aromatic isomer	170000	ug/kg	NA
Unknown	86000	ug/kg	NA
Unknown	100000	ug/kg	NA
C22H12 aromatic isomer	110000	ug/kg	NA

Percent Moisture is 45%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-6
Lab ID: 003147-0001-SA Enseco ID: 2019018
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Substituted phenol	5100	ug/kg	NA
Unknown	350	ug/kg	NA
Unknown	460	ug/kg	NA
Unknown	2300	ug/kg	NA
Unknown alcohol	4200	ug/kg	NA
Unknown alkene	450	ug/kg	NA
Unknown	2300	ug/kg	NA
Unknown	390	ug/kg	NA
Unknown alkane	1500	ug/kg	NA
Unknown	580	ug/kg	NA
Unknown	340	ug/kg	NA
Unknown	510	ug/kg	NA
Unknown	3800	ug/kg	NA
Amyrin isomer	390	ug/kg	NA
Unknown	590	ug/kg	NA
Unknown	610	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	3200	ug/kg	NA
Unknown	410	ug/kg	NA
Unknown	500	ug/kg	NA

Percent Moisture is 26%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-7
Lab ID: 003147-0002-SA Enseco ID: 2019019
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	1100	ug/kg	NA
9-Hexadecenoic acid	690	ug/kg	NA
Hexandecanoic acid	1400	ug/kg	NA
Sulfur, mol. (S8)	280	ug/kg	NA
Unknown	290	ug/kg	NA
Octadecanoic acid	330	ug/kg	NA
Unknown	320	ug/kg	NA
Unknown alcohol	430	ug/kg	NA
Unknown alcohol	1000	ug/kg	NA
Unknown aldehyde	650	ug/kg	NA
Unknown alcohol	2100	ug/kg	NA
Unknown alkane	1200	ug/kg	NA
Unknown	470	ug/kg	NA
Unknown	680	ug/kg	NA
Unknown	330	ug/kg	NA
Unknown	720	ug/kg	NA
Unknown	460	ug/kg	NA
Unknown	1800	ug/kg	NA
Unknown	290	ug/kg	NA
Unknown	290	ug/kg	NA

Percent Moisture is 28%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-8
Lab ID: 003147-0003-SA Enseco ID: 2019020
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	240	ug/kg	NA
Unknown	180	ug/kg	NA
Unknown	220	ug/kg	NA
Unknown	420	ug/kg	NA
Unknown	170	ug/kg	NA
Unknown	660	ug/kg	NA
Unknown	230	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 12%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-9
Lab ID: 003147-0004-SA Enseco ID: 2019021
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Cyclohexen-1-ol	170	ug/kg	NA
Unknown alcohol	570	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown aldehyde	390	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	630	ug/kg	NA
Unknown	250	ug/kg	NA
Unknown	190	ug/kg	NA
Unknown	500	ug/kg	NA
Unknown	250	ug/kg	NA
Unknown	690	ug/kg	NA
Unknown	160	ug/kg	NA
Unknown	270	ug/kg	NA
Unknown	720	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 18%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-10
Lab ID: 003147-0005-SA Enseco ID: 2019022
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alcohol	4900	ug/kg	NA
Unknown alcohol	10000	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	3100	ug/kg	NA
Unknown alcohol	14000	ug/kg	NA
Unknown	2400	ug/kg	NA
Unknown	8000	ug/kg	NA
Unknown	1500	ug/kg	NA
Unknown	1900	ug/kg	NA
Unknown	1700	ug/kg	NA
Unknown	1400	ug/kg	NA
Unknown	5600	ug/kg	NA
Unknown	7500	ug/kg	NA
Amyrin isomer	1400	ug/kg	NA
Unknown	1600	ug/kg	NA
Unknown	1900	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	3500	ug/kg	NA
Unknown	5700	ug/kg	NA
Unknown	2600	ug/kg	NA

Percent Moisture is 42%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-11
Lab ID: 003147-0006-SA Enseco ID: 2019023
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Benzaldehyde	1100	ug/kg	NA
Unknown	1100	ug/kg	NA
Unknown alcohol	3200	ug/kg	NA
Unknown alcohol	6700	ug/kg	NA
Unknown alkene	1200	ug/kg	NA
Unknown	5800	ug/kg	NA
Unknown alcohol	22000	ug/kg	NA
Unknown	1800	ug/kg	NA
Unknown aldehyde	9100	ug/kg	NA
Unknown alcohol	21000	ug/kg	NA
Unknown	1600	ug/kg	NA
Unknown	1100	ug/kg	NA
Unknown aldehyde	3500	ug/kg	NA
Unknown	1200	ug/kg	NA
Unknown	8800	ug/kg	NA
Unknown	6300	ug/kg	NA
Amyrin isomer	1900	ug/kg	NA
Unknown	1200	ug/kg	NA
Unknown	1900	ug/kg	NA
Unknown	4800	ug/kg	NA

Percent Moisture is 38%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-12
Lab ID: 003147-0007-SA Enseco ID: 2019024
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Cyclohexen-1-ol	520	ug/kg	NA
Unknown PAH	380	ug/kg	NA
11H-Benzofluorene isomer	420	ug/kg	NA
Unknown PAH	380	ug/kg	NA
Unknown	1700	ug/kg	NA
Unknown	360	ug/kg	NA
Unknown alcohol	2700	ug/kg	NA
Benzo(j)fluoranthene	540	ug/kg	NA
Unknown	1100	ug/kg	NA
Benzo(e)pyrene	590	ug/kg	NA
Unknown alcohol	3800	ug/kg	NA
Unknown	420	ug/kg	NA
Unknown	590	ug/kg	NA
Unknown alkane	1500	ug/kg	NA
Unknown	430	ug/kg	NA
Unknown	340	ug/kg	NA
Unknown	680	ug/kg	NA
Unknown	1100	ug/kg	NA
Unknown	320	ug/kg	NA
Unknown	1100	ug/kg	NA

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-13
Lab ID: 003147-0008-SA Enseco ID: 2019025
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alkene	290	ug/kg	NA
Unknown alcohol	1700	ug/kg	NA
Unknown alcohol	2900	ug/kg	NA
Unknown	330	ug/kg	NA
Unknown aldehyde	2000	ug/kg	NA
Unknown alcohol	5500	ug/kg	NA
Unknown	730	ug/kg	NA
Unknown alkane	2300	ug/kg	NA
Unknown	430	ug/kg	NA
Unknown	630	ug/kg	NA
Unknown	1200	ug/kg	NA
Unknown	470	ug/kg	NA
Unknown	890	ug/kg	NA
Unknown	3700	ug/kg	NA
Unknown	390	ug/kg	NA
Unknown	450	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	350	ug/kg	NA
Unknown	290	ug/kg	NA

Percent Moisture is 25%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-14
Lab ID: 003147-0009-SA Enseco ID: 2019026
Matrix: SOIL Sampled: 31 MAR 89 Received: 01 APR 89
Authorized: 03 APR 89 Prepared: 11 APR 89 Analyzed: 10 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Cyclohexen-1-ol	380	ug/kg	NA
2-Cyclohexen-1-one	230	ug/kg	NA
C11H24 isomer	570	ug/kg	NA
Hexanedioic acid ester	2200	ug/kg	NA
Unknown alcohol	1100	ug/kg	NA
Unknown alcohol	2200	ug/kg	NA
Unknown alkene	250	ug/kg	NA
Unknown aldehyde	480	ug/kg	NA
Unknown alcohol	1900	ug/kg	NA
Unknown alkane	830	ug/kg	NA
Unknown	250	ug/kg	NA
Unknown	420	ug/kg	NA
Unknown	300	ug/kg	NA
Unknown	510	ug/kg	NA
Unknown	1400	ug/kg	NA
Unknown	220	ug/kg	NA
Unknown	1000	ug/kg	NA
Unknown	400	ug/kg	NA
Unknown	210	ug/kg	NA
Unknown	210	ug/kg	NA

Percent Moisture is 23%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-1A-2FT
Lab ID: 004431-0001-SA Enseco ID: 2028701
Matrix: SOIL Sampled: 05 SEP 89 Received: 05 SEP 89
Authorized: 06 SEP 89 Prepared: 07 SEP 89 Analyzed: 16 SEP 89

Parameter	Result		Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	9700	JB	ug/kg	NA	A
Unknown alkane	220	J	ug/kg	NA	
TID Compound 3	ND		ug/kg	NA	
TID Compound 4	ND		ug/kg	NA	
TID Compound 5	ND		ug/kg	NA	
TID Compound 6	ND		ug/kg	NA	
TID Compound 7	ND		ug/kg	NA	
TID Compound 8	ND		ug/kg	NA	
TID Compound 9	ND		ug/kg	NA	
TID Compound 10	ND		ug/kg	NA	
TID Compound 11	ND		ug/kg	NA	
TID Compound 12	ND		ug/kg	NA	
TID Compound 13	ND		ug/kg	NA	
TID Compound 14	ND		ug/kg	NA	
TID Compound 15	ND		ug/kg	NA	
TID Compound 16	ND		ug/kg	NA	
TID Compound 17	ND		ug/kg	NA	
TID Compound 18	ND		ug/kg	NA	
TID Compound 19	ND		ug/kg	NA	
TID Compound 20	ND		ug/kg	NA	

Note A : Aldol condensation product.

Percent Moisture is 23%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-18-1FT
Lab ID: 004431-0002-SA Enseco ID: 2028702
Matrix: SOIL Sampled: 05 SEP 89 Received: 05 SEP 89
Authorized: 06 SEP 89 Prepared: 07 SEP 89 Analyzed: 16 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	5600	ug/kg	NA	A
C9H20 isomer	180	ug/kg	NA	
Unknown alkane	180	ug/kg	NA	
Unknown	500	ug/kg	NA	
Unknown	250	ug/kg	NA	
Unknown	310	ug/kg	NA	
Unknown	170	ug/kg	NA	
Hexadecanoic acid	210	ug/kg	NA	
TID Compound 9	ND	ug/kg	NA	
TID Compound 10	ND	ug/kg	NA	
TID Compound 11	ND	ug/kg	NA	
TID Compound 12	ND	ug/kg	NA	
TID Compound 13	ND	ug/kg	NA	
TID Compound 14	ND	ug/kg	NA	
TID Compound 15	ND	ug/kg	NA	
TID Compound 16	ND	ug/kg	NA	
TID Compound 17	ND	ug/kg	NA	
TID Compound 18	ND	ug/kg	NA	
TID Compound 19	ND	ug/kg	NA	
TID Compound 20	ND	ug/kg	NA	

Note A : Aldol condensation product.

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-1C-2FT
Lab ID: 004431-0003-SA Enseco ID: 2028703
Matrix: SOIL Sampled: 05 SEP 89 Received: 05 SEP 89
Authorized: 06 SEP 89 Prepared: 07 SEP 89 Analyzed: 16 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	6900	ug/kg	NA	A
TID Compound 2	ND	ug/kg	NA	
TID Compound 3	ND	ug/kg	NA	
TID Compound 4	ND	ug/kg	NA	
TID Compound 5	ND	ug/kg	NA	
TID Compound 6	ND	ug/kg	NA	
TID Compound 7	ND	ug/kg	NA	
TID Compound 8	ND	ug/kg	NA	
TID Compound 9	ND	ug/kg	NA	
TID Compound 10	ND	ug/kg	NA	
TID Compound 11	ND	ug/kg	NA	
TID Compound 12	ND	ug/kg	NA	
TID Compound 13	ND	ug/kg	NA	
TID Compound 14	ND	ug/kg	NA	
TID Compound 15	ND	ug/kg	NA	
TID Compound 16	ND	ug/kg	NA	
TID Compound 17	ND	ug/kg	NA	
TID Compound 18	ND	ug/kg	NA	
TID Compound 19	ND	ug/kg	NA	
TID Compound 20	ND	ug/kg	NA	

Note A : Aldol condensation product.

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-1C-2FTD
Lab ID: 004431-0004-SA Enseco ID: 2028704
Matrix: SOIL Sampled: 05 SEP 89 Received: 05 SEP 89
Authorized: 06 SEP 89 Prepared: 07 SEP 89 Analyzed: 16 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	9200	ug/kg	NA	A
Unknown	180	ug/kg	NA	
Unknown	540	ug/kg	NA	
TID Compound 4	ND	ug/kg	NA	
TID Compound 5	ND	ug/kg	NA	
TID Compound 6	ND	ug/kg	NA	
TID Compound 7	ND	ug/kg	NA	
TID Compound 8	ND	ug/kg	NA	
TID Compound 9	ND	ug/kg	NA	
TID Compound 10	ND	ug/kg	NA	
TID Compound 11	ND	ug/kg	NA	
TID Compound 12	ND	ug/kg	NA	
TID Compound 13	ND	ug/kg	NA	
TID Compound 14	ND	ug/kg	NA	
TID Compound 15	ND	ug/kg	NA	
TID Compound 16	ND	ug/kg	NA	
TID Compound 17	ND	ug/kg	NA	
TID Compound 18	ND	ug/kg	NA	
TID Compound 19	ND	ug/kg	NA	
TID Compound 20	ND	ug/kg	NA	

Note A : Aldol condensation product.

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-1D-5.5FT
Lab ID: 004442-0001-SA Enseco ID: 2028793
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: 13 SEP 89 Analyzed: 20 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	19000	ug/kg	NA	AB
TID Compound 2	ND	ug/kg	NA	
TID Compound 3	ND	ug/kg	NA	
TID Compound 4	ND	ug/kg	NA	
TID Compound 5	ND	ug/kg	NA	
TID Compound 6	ND	ug/kg	NA	
TID Compound 7	ND	ug/kg	NA	
TID Compound 8	ND	ug/kg	NA	
TID Compound 9	ND	ug/kg	NA	
TID Compound 10	ND	ug/kg	NA	
TID Compound 11	ND	ug/kg	NA	
TID Compound 12	ND	ug/kg	NA	
TID Compound 13	ND	ug/kg	NA	
TID Compound 14	ND	ug/kg	NA	
TID Compound 15	ND	ug/kg	NA	
TID Compound 16	ND	ug/kg	NA	
TID Compound 17	ND	ug/kg	NA	
TID Compound 18	ND	ug/kg	NA	
TID Compound 19	ND	ug/kg	NA	
TID Compound 20	ND	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-1-1E-1FT
Lab ID: 004442-0002-SA Enseco ID: 2028794
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: 13 SEP 89 Analyzed: 20 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	3100	ug/kg	NA	AB
TID Compound 2	ND	ug/kg	NA	
TID Compound 3	ND	ug/kg	NA	
TID Compound 4	ND	ug/kg	NA	
TID Compound 5	ND	ug/kg	NA	
TID Compound 6	ND	ug/kg	NA	
TID Compound 7	ND	ug/kg	NA	
TID Compound 8	ND	ug/kg	NA	
TID Compound 9	ND	ug/kg	NA	
TID Compound 10	ND	ug/kg	NA	
TID Compound 11	ND	ug/kg	NA	
TID Compound 12	ND	ug/kg	NA	
TID Compound 13	ND	ug/kg	NA	
TID Compound 14	ND	ug/kg	NA	
TID Compound 15	ND	ug/kg	NA	
TID Compound 16	ND	ug/kg	NA	
TID Compound 17	ND	ug/kg	NA	
TID Compound 18	ND	ug/kg	NA	
TID Compound 19	ND	ug/kg	NA	
TID Compound 20	ND	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: RINSATE
Lab ID: 004442-0003-SA Enseco ID: 2028795
Matrix: AQUEOUS Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: 13 SEP 89 Analyzed: 21 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1A-2FT
Lab ID: 004442-0004-SA Enseco ID: 2028796
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: 13 SEP 89 Analyzed: 21 SEP 89

Parameter	Result		Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	20000	B	ug/kg	NA	AB
Hexadecanoic acid Adipate	2000	B	ug/kg	NA	
Unknown	860		ug/kg	NA	
Unknown	660		ug/kg	NA	
Unknown aldehyde	700		ug/kg	NA	
Unknown alkane	1100		ug/kg	NA	
Unknown alcohol	730		ug/kg	NA	
Unknown	900		ug/kg	NA	
Unknown	660		ug/kg	NA	
Unknown	1200		ug/kg	NA	
Unknown	760		ug/kg	NA	
Unknown	700		ug/kg	NA	
Unknown alkane	1900		ug/kg	NA	
Unknown	750		ug/kg	NA	
Unknown	770		ug/kg	NA	
Unknown	680		ug/kg	NA	
Unknown	1100		ug/kg	NA	
Unknown	600		ug/kg	NA	
Unknown	800		ug/kg	NA	
Unknown	600		ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 15%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1A-2FTD
Lab ID: 004442-0005-SA Enseco ID: 2028797
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: 13 SEP 89 Analyzed: 21 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	20000	ug/kg	NA	AB
Unknown	1500	ug/kg	NA	
Unknown	2100	ug/kg	NA	
Unknown	2000	ug/kg	NA	
Unknown	1900	ug/kg	NA	
C10H20 isomer	2000	ug/kg	NA	
n-Decane	5900	ug/kg	NA	
Unknown	2000	ug/kg	NA	
C11H24 isomer	4200	ug/kg	NA	
Unknown alkane	1400	ug/kg	NA	
Decahydronaphthalene	1600	ug/kg	NA	
Unknown alkane	1400	ug/kg	NA	
Unknown	1700	ug/kg	NA	
C11H24 isomer	4700	ug/kg	NA	
Tetradecanoic acid	2100	ug/kg	NA	
Hexadecanoic acid	17000	ug/kg	NA	
Unknown	2200	ug/kg	NA	
Octadecanoic acid	8200	ug/kg	NA	
Unknown	1400	ug/kg	NA	
Unknown	2000	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 19%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1A-4.5FT
Lab ID: 004442-0006-SA Enseco ID: 2028798
Matrix: SOIL Sampled: 05 SEP 89 Received: 07 SEP 89
Authorized: 08 SEP 89 Prepared: 13 SEP 89 Analyzed: 21 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	9600	ug/kg	NA	AB
Tetradecanoic acid	1400	ug/kg	NA	
Hexadecanoic acid	17000	ug/kg	NA	
Sulfur, mol. (S8)	3400	ug/kg	NA	
Unknown alkanoic acid	1200	ug/kg	NA	
Octadecanoic acid	7400	ug/kg	NA	
Unknown	1100	ug/kg	NA	
Unknown	1300	ug/kg	NA	
Unknown	950	ug/kg	NA	
Unknown	860	ug/kg	NA	
Unknown	970	ug/kg	NA	
Unknown	1500	ug/kg	NA	
Unknown	870	ug/kg	NA	
Unknown	980	ug/kg	NA	
Unknown	1700	ug/kg	NA	
Unknown	1300	ug/kg	NA	
Unknown steroid	2000	ug/kg	NA	
Unknown	1400	ug/kg	NA	
Unknown	840	ug/kg	NA	
Unknown	870	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-SURFACE
Lab ID: 004465-0001-SA Enseco ID: 2028939
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 22 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	17000	ug/kg	NA	BA
Unknown	970	ug/kg	NA	
Unknown	580	ug/kg	NA	
C11H24 isomer	360	ug/kg	NA	
Unknown	1000	ug/kg	NA	
Unknown	430	ug/kg	NA	
Unknown	580	ug/kg	NA	
Unknown alkane	2600	ug/kg	NA	
Unknown	470	ug/kg	NA	
Unknown alkane	1600	ug/kg	NA	
Unknown	5100	ug/kg	NA	
Unknown	4300	ug/kg	NA	
Unknown	690	ug/kg	NA	
Unknown	580	ug/kg	NA	
Unknown	760	ug/kg	NA	
Unknown	1700	ug/kg	NA	
Unknown	430	ug/kg	NA	
Unknown	360	ug/kg	NA	
Unknown	1000	ug/kg	NA	
Unknown	870	ug/kg	NA	

Note B : Compound is also detected in the blank.

Note A : Aldol condensation product.

Percent Moisture is 7.7%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-1FT
Lab ID: 004465-0002-SA Enseco ID: 2028940
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 22 SEP 89

Parameter	Result		Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	17000	*	ug/kg	NA	BA
Trimethyl benzene isomer	1200	J	ug/kg	NA	
C11H24 isomer alkane	1300	J	ug/kg	NA	
Unknown	930	J	ug/kg	NA	
Unknown	3100	J	ug/kg	NA	
Unknown	1400	J	ug/kg	NA	
Hexadecanoic acid	4800	J	ug/kg	NA	
Unknown	1300	J	ug/kg	NA	
Unknown alkane	310	J	ug/kg	NA	
Unknown	3100	J	ug/kg	NA	
Unknown	3900	J	ug/kg	NA	
Unknown	230	J	ug/kg	NA	
Unknown	700	J	ug/kg	NA	
Unknown	390	J	ug/kg	NA	
Unknown	310	J	ug/kg	NA	
Unknown	390	J	ug/kg	NA	
Unknown	620	J	ug/kg	NA	
Unknown	390	J	ug/kg	NA	
Unknown	540	J	ug/kg	NA	
Unknown	310	J	ug/kg	NA	

Note B : Compound is also detected in the blank.

Note A : Aldol condensation product.

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-1FTD
Lab ID: 004465-0003-SA Enseco ID: 2028941
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 22 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	8800	ug/kg	NA	BA
Branched alkane	3800	ug/kg	NA	
Branched alkane	4200	ug/kg	NA	
Unknown alkane	5000	ug/kg	NA	
Unknown alkane	3800	ug/kg	NA	
Branched alkane	770	ug/kg	NA	
Unknown	380	ug/kg	NA	
Hexadecanoic acid	15000	ug/kg	NA	
Unknown alkane	4200	ug/kg	NA	
Unknown	4200	ug/kg	NA	
Unknown alkane	4600	ug/kg	NA	
Unknown	84000	ug/kg	NA	
Unknown	190000	ug/kg	NA	
Unknown	15000	ug/kg	NA	
Unknown	6500	ug/kg	NA	
Unknown	7300	ug/kg	NA	
Unknown	8000	ug/kg	NA	
Unknown	23000	ug/kg	NA	
Unknown	6500	ug/kg	NA	
Unknown	34000	ug/kg	NA	

Note B : Compound is also detected in the blank.

Note A : Aldol condensation product.

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-2.5FT
Lab ID: 004465-0004-SA Enseco ID: 2028943
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 22 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	8000	ug/kg	NA	BA
Unknown	3000	ug/kg	NA	
Branched alkane	7400	ug/kg	NA	
Branched alkane	20000	ug/kg	NA	
Unknown	5200	ug/kg	NA	
C11H24 isomer	7700	ug/kg	NA	
C4-benzene isomer	25000	ug/kg	NA	
Unknown	6200	ug/kg	NA	
Unknown alkane	25000	ug/kg	NA	
Unknown	6500	ug/kg	NA	
Substituted cyclohexane	5000	ug/kg	NA	
C5-Benzene isomer	5400	ug/kg	NA	
Unknown	8900	ug/kg	NA	
Unknown alkane	9600	ug/kg	NA	
C13H28 isomer	5000	ug/kg	NA	
Unknown	10000	ug/kg	NA	
Hexadecanoic acid	87000	ug/kg	NA	
Unknown	14000	ug/kg	NA	
Unknown	25000	ug/kg	NA	
Unknown	6000	ug/kg	NA	

Note B : Compound is also detected in the blank.

Note A : Aldol condensation product.

Percent Moisture is 20%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1B-3FT
Lab ID: 004465-0005-SA Enseco ID: 2028944
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 22 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
C9H20 isomer	130000	ug/kg	NA
Unknown	89000	ug/kg	NA
Unknown	180000	ug/kg	NA
Unknown	51000	ug/kg	NA
Trimethyl benzene isomer	51000	ug/kg	NA
Branched alkane	340000	ug/kg	NA
Unknown	290000	ug/kg	NA
Unknown	63000	ug/kg	NA
C4-benzene isomer	300000	ug/kg	NA
Unknown	130000	ug/kg	NA
C11H24 isomer	63000	ug/kg	NA
C4-benzene isomer	51000	ug/kg	NA
Unknown	4300000	ug/kg	NA
C12H26 isomer	460000	ug/kg	NA
Tetramethyl benzene isomer	420000	ug/kg	NA
Branched alkane	750000	ug/kg	NA
Substituted cyclohexane	420000	ug/kg	NA
Unknown	900000	ug/kg	NA
C12H26 isomer	430000	ug/kg	NA
Unknown alkane	980000	ug/kg	NA

Percent Moisture is 13%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1C-OFT
Lab ID: 004465-0006-SA Enseco ID: 2028945
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 22 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	42000	ug/kg	NA	BA
Unknown	2800	ug/kg	NA	
Unknown	900	ug/kg	NA	
C11H24 isomer	750	ug/kg	NA	
Unknown	820	ug/kg	NA	
Unknown	1600	ug/kg	NA	
Unknown	970	ug/kg	NA	
Unknown	5800	ug/kg	NA	
Unknown	970	ug/kg	NA	
Unknown alkane	4500	ug/kg	NA	
Unknown	8200	ug/kg	NA	
Unknown	7000	ug/kg	NA	
Unknown	1000	ug/kg	NA	
Unknown	1300	ug/kg	NA	
Unknown	2800	ug/kg	NA	
Unknown	750	ug/kg	NA	
Unknown	1300	ug/kg	NA	
Unknown	750	ug/kg	NA	
Unknown	1100	ug/kg	NA	
Unknown	3100	ug/kg	NA	

Note B : Compound is also detected in the blank.

Note A : Aldol condensation product.

Percent Moisture is 55%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1C-2FT
Lab ID: 004465-0007-SA Enseco ID: 2028946
Matrix: SOIL Sampled: 07 SEP 89 Received: 07 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 22 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	2000	ug/kg	NA	BA
C10H22 isomer	6500	ug/kg	NA	
Unknown	7200	ug/kg	NA	
Unknown	2000	ug/kg	NA	
C11H24 isomer	2400	ug/kg	NA	
Unknown	3100	ug/kg	NA	
Unknown	3100	ug/kg	NA	
Undecane	58000	ug/kg	NA	
Unknown	3400	ug/kg	NA	
Branched alkane	8200	ug/kg	NA	
Unknown	7200	ug/kg	NA	
C5-Benzene isomer	5800	ug/kg	NA	
C4-benzene isomer	16000	ug/kg	NA	
Unknown	5100	ug/kg	NA	
C11H24 isomer	8500	ug/kg	NA	
C12H26 isomer	3800	ug/kg	NA	
C13H28 isomer	4100	ug/kg	NA	
Unknown	21000	ug/kg	NA	
Unknown	38000	ug/kg	NA	
Unknown	6800	ug/kg	NA	

Note B : Compound is also detected in the blank.

Note A : Aldol condensation product.

Percent Moisture is 2.3%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1D-2.5FT
Lab ID: 004464-0001-SA Enseco ID: 2028932
Matrix: SOIL Sampled: 08 SEP 89 Received: 08 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 19 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
C11H24 isomer	13000	ug/kg	NA
C4-benzene isomer	7400	ug/kg	NA
Branched alkane	7100	ug/kg	NA
Branched alkane	6200	ug/kg	NA
Unknown	7300	ug/kg	NA
Unknown	11000	ug/kg	NA
C11H24 isomer	24000	ug/kg	NA
C4-benzene isomer	8500	ug/kg	NA
Branched alkane	17000	ug/kg	NA
Unknown	20000	ug/kg	NA
C5-Benzene isomer	10000	ug/kg	NA
Branched alkane	11000	ug/kg	NA
Branched alkane	9500	ug/kg	NA
Branched alkane	7400	ug/kg	NA
C13H28 isomer	6700	ug/kg	NA
Hexadecanoic acid	49000	ug/kg	NA
Octadecanoic acid	20000	ug/kg	NA
Unknown	8100	ug/kg	NA
Unknown	6100	ug/kg	NA
Sulfur, mol. (S8)	18000	ug/kg	NA

Percent Moisture is 16%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Brian Johnson Approved By: Nancy Rothman

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1E-0FT
Lab ID: 004464-0002-SA Enseco ID: 2028933
Matrix: SOIL Sampled: 08 SEP 89 Received: 08 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 20 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
C11H24 isomer	260	ug/kg	NA
Unknown	350	ug/kg	NA
Hexadecanoic acid	990	ug/kg	NA
Sulfur, mol. (S8)	290	ug/kg	NA
Unknown alkane	280	ug/kg	NA
Unknown	290	ug/kg	NA
Unknown alkane	960	ug/kg	NA
Unknown	260	ug/kg	NA
Unknown	300	ug/kg	NA
Unknown	470	ug/kg	NA
Unknown	410	ug/kg	NA
Unknown	380	ug/kg	NA
Unknown	670	ug/kg	NA
Unknown alkane	1100	ug/kg	NA
Unknown	250	ug/kg	NA
Unknown	520	ug/kg	NA
Unknown	330	ug/kg	NA
Branched alkane	410	ug/kg	NA
Unknown	510	ug/kg	NA
Unknown	280	ug/kg	NA

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Brian Johnson Approved By: Nancy Rothman

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1E-4.FT
Lab ID: 004464-0003-SA Enseco ID: 2028936
Matrix: SOIL Sampled: 08 SEP 89 Received: 08 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 20 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alkane	1300000	ug/kg	NA
C10H22 isomer	1200000	ug/kg	NA
Unknown	1800000	ug/kg	NA
Trimethyl benzene isomer	1900000	ug/kg	NA
Unknown	1700000	ug/kg	NA
C10H20 isomer	1600000	ug/kg	NA
Unknown alkane	6200000	ug/kg	NA
Unknown	2700000	ug/kg	NA
Unknown alkane	3800000	ug/kg	NA
Unknown	1500000	ug/kg	NA
Ethyldimethylbenzene isomer	1200000	ug/kg	NA
Unknown	1500000	ug/kg	NA
Unknown alkane	2200000	ug/kg	NA
C4-benzene isomer	1200000	ug/kg	NA
Unknown alkane	6500000	ug/kg	NA
C4-benzene isomer	1300000	ug/kg	NA
Unknown	1300000	ug/kg	NA
Unknown alkane	1100000	ug/kg	NA
Hexadecanoic acid	9900000	ug/kg	NA
Octadecanoic acid	2900000	ug/kg	NA

Percent Moisture is 12%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Jim Cutter Approved By: Nancy Rothman

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-3-1E-5.5FT
Lab ID: 004464-0004-SA Enseco ID: 2028938
Matrix: SOIL Sampled: 08 SEP 89 Received: 08 SEP 89
Authorized: 11 SEP 89 Prepared: 13 SEP 89 Analyzed: 20 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
C12H26 isomer	7400	ug/kg	NA
Unknown alkane	17000	ug/kg	NA
Ethyldimethylbenzene isomer	6900	ug/kg	NA
Unknown alkane	10000	ug/kg	NA
C11H24 isomer	6500	ug/kg	NA
C4-benzene isomer	14000	ug/kg	NA
Unknown	11000	ug/kg	NA
Unknown	7600	ug/kg	NA
Substituted benzene	14000	ug/kg	NA
Diethylbenzene isomer	5500	ug/kg	NA
C4-benzene isomer	11000	ug/kg	NA
Unknown alkane	16000	ug/kg	NA
Unknown	23000	ug/kg	NA
Substituted benzene	9100	ug/kg	NA
Unknown alkane	9400	ug/kg	NA
Unknown	7600	ug/kg	NA
Unknown alkane	6600	ug/kg	NA
Sulfur, mol. (S8)	39000	ug/kg	NA
Substituted benzene	4500	ug/kg	NA
Unknown	20000	ug/kg	NA

Percent Moisture is 56%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Jim Cutter Approved By: Nancy Rothman

5. PESTICIDES/PCBS

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH AND APRIL 1989	QUANTITATION LIMIT (ug/kg)	SL-1-3 0 FT	SL-1-3 1.8 FT	SL-1-3 4.5 FT	SL-1-1 SURFACE	SL-1-1 0.5 FT	SL-3-1 3.5 FT	SL-3-1 5.5 FT	SL-3-1 SURFACE	SL-3-1 5.5 FT D	SL-2-1
alpha - BHC	8.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
beta - BHC	8.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
delta - BHC	8.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
gamma - BHC	8.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Heptachlor	8.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Aldrin	8.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Heptachlor epoxide	8.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Endosulfan I	8.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Dieldrin	16.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
4,4'-DDE	16.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Endrin	16.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Endosulfan II	16.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
4,4'-DDD	16.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Endosulfan sulfate	16.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
4,4'-DDT	16.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Endrin ketone	16.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Methoxychlor	80.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Chlordane	80.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Toxaphene	160.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Aroclor-1016	80.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Aroclor-1221	80.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Aroclor-1232	80.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Aroclor-1242	80.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Aroclor-1248	80.0	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Aroclor-1254	160	ND	ND	ND	ND	ND	ND UJ	ND	ND UJ	ND	ND
Aroclor-1260	160	ND	ND	ND	ND	ND	2600 J	100 J	82 J	180 J	ND
Quantitation Limit Multiplier		1.24	1.16	1.38	2.27	1.12	21.2	1.09	1.21	1.06	3.88

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Anlayte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH AND APRIL 1989	QUANTITATION LIMIT (ug/kg)	SL-2-2	SL-2-3	SL-2-4 0.75 FT	SL-2-4 1.5 FT	SL-4-1A 4.0 FT	SL-4-1A 10.0 FT	SL-4-1B 3.0 FT	SL-4-1B 7.5 FT	SL-4-1C 2.0 FT
alpha - BHC	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
beta - BHC	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
delta - BHC	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
gamma - BHC	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Heptachlor	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Aldrin	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Heptachlor epoxide	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Endosulfan I	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dieldrin	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4,4'-DDE	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Endrin	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Endosulfan II	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4,4'-DDD	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Endosulfan sulfate	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4,4'-DDT	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Endrin ketone	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Methoxychlor	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Chlordane	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Toxaphene	160.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Aroclor-1016	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Aroclor-1221	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Aroclor-1232	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Aroclor-1242	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Aroclor-1248	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Aroclor-1254	160	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Aroclor-1260	160	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		2.88	1.50	1.62	1.62	1.62	4.12	1.88	15.0	77.5

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Anlayte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-4-1C 3.0 FT	SL-4-2A 4.0 FT	SL-4-2A0 4.0 FT	SL-4-2B 12.5 FT	SL-4-2B 17.0 FT	SL-4-2C 7.0 FT	SL-4-2C 10.0 FT	SL-5-1A 4.5 FT	SL-5-1B 2.0 FT
alpha - BHC	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
beta - BHC	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
delta - BHC	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
gamma - BHC	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Heptachlor	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aldrin	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Heptachlor epoxide	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endosulfan I	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Dieldrin	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4,4'-DDE	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endrin	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endosulfan II	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4,4'-DDD	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endosulfan sulfate	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4,4'-DDT	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endrin ketone	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Methoxychlor	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Chlordane	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Toxaphene	160.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1016	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1221	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1232	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1242	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1248	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1254	160	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1260	160	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Quantitation Limit Multiplier		77.5	1.75	1.50	1.50	1.11	1.62	1.38	42.5	4.65

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Anlayte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH 1989	QUANTITATION LIMIT (ug/kg)	SL-5-1B 1.5 FT	SL-5-2A 4.5 FT	SL-5-2B 2.5 FT	SL-5-2B 1.0 FT	SL-5-2C 2.5 FT	SL-5-2C 2.5D FT	SL-5-2C 0.5 FT	SL-6	SL-7
alpha - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
beta - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
delta - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
gamma - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Heptachlor	8.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Aldrin	8.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Heptachlor epoxide	8.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Endosulfan I	8.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Dieldrin	16.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
4,4'-DDE	16.0	ND	ND	ND	ND	5.5 J	19 J	5400	ND UJ	ND UJ
Endrin	16.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Endosulfan II	16.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
4,4'-DDD	16.0	ND	270	32 J	ND	ND	3.5 J	850	ND UJ	ND UJ
Endosulfan sulfate	16.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
4,4'-DDT	16.0	ND	ND	ND	ND	ND	100 J	19000	ND UJ	ND UJ
Endrin ketone	16.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Methoxychlor	80.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Chlordane	80.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Toxaphene	160.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Aroclor-1016	80.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Aroclor-1221	80.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Aroclor-1232	80.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Aroclor-1242	80.0	ND	ND	ND	ND	ND	ND	ND	4000 J	ND UJ
Aroclor-1248	80.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Aroclor-1254	160	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND UJ
Aroclor-1260	160	ND	ND	ND	ND	ND	ND	ND	ND UJ	13 J
Quantitation Limit Multilpier		6.25	20.0	3.38	46.2	1.38	1.38	3.62	1.38	1.38

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Anlayte may or may not be present in the sample.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS MARCH AND APRIL 1989	QUANTITATION LIMIT (ug/kg)	SL-8	SL-9	SL-10	SL-11	SL-12	SL-13	SL-14	SL-15	SL-16
alpha - BHC	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
beta - BHC	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
delta - BHC	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
gamma - BHC	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Heptachlor	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aldrin	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Heptachlor epoxide	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endosulfan I	8.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Dieldrin	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4,4'-DDE	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endrin	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endosulfan II	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4,4'-DDD	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endosulfan sulfate	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
4,4'-DDT	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Endrin ketone	16.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Methoxychlor	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Chlordane	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Toxaphene	160.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1016	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1221	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1232	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1242	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1248	80.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1254	160	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Aroclor-1260	160	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Quantitation Limit Multiplier		1.14	1.21	1.75	1.62	1.22	1.38	1.25	3.00	3.00

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Anlayte may or may not be present in the sample.

ORGANOCHLORINE PESTICIDES/PCB's

SALEM ACRES RI/FS SOIL SAMPLE RESULTS SEPTEMBER 1989	QUANTITATION LIMIT (ug/kg)	SL-1-1A 2 FT	SL-1-1B 1 FT	SL-1-1C 2 FT	SL-1-1C 2 FT D	SL-1-1D 5.5 FT	SL-1-1E 1 FT	SL-3-1A 2 FT	SL-3-1A 2 FT D	SL-3-1A 4.5 FT	SL-3-1B SURFACE
alpha - BH	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
beta - BHC	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
delta - BHC	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
gamma - BHC	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Heptachlor	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Aldrin	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Heptachlor epoxide	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Endosulfan I	8.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dieldrin	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4,4'-DDE	16.0	ND	ND	ND	ND	ND UJ	ND UJ	11 J	ND UJ	ND UJ	ND
Endrin	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Endosulfan II	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4,4'-DDD	16.0	ND	ND	ND	ND	ND UJ	ND UJ	65 J	23 J	ND UJ	ND
Endosulfan sulfate	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4,4'-DDT	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND*	ND*	ND UJ	ND
Endrin ketone	16.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Methoxychlor	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Chlordane	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Toxaphene	160.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Aroclor-1016	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Aroclor-1221	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Aroclor-1232	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Aroclor-1242	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Aroclor-1248	80.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Aroclor-1254	160	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Aroclor-1260	160	ND	ND	ND	ND	ND UJ	ND UJ	230 J	210 J	410 J	150
Quantitation Limit Multiplier		1.25	1.16	1.16	1.15	1.24	1.24	1.19	1.22	1.15	1.09

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

ORGANOCHLORINE PESTICIDES/PCB's

SALEM ACRES RI/FS SOIL SAMPLE RESULTS SEPTEMBER 1989	QUANTITATION LIMIT (ug/kg)	SL-3-1B 1 FT	SL-3-1B 1 FT D	SL-3-1B 2.5 FT	SL-3-1B 3 FT	SL-3-1C 0 FT	SL-3-1C 2 FT	SL-3-1D 2.5 FT	SL-3-1E 0 FT	SL-3-1E 4.5 FT	SL-3-1E 5.5 FT
alpha - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	8.0	ND	ND	ND	ND	ND	10	ND	ND	ND	ND
Dieldrin	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	16.0	ND	ND	ND	ND	ND	41	ND	ND	ND	ND
Endosulfan sulfate	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	160.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	160	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	160	300	250 J	ND	240	500 J	360	220 J	210	220	ND
Quantitation Limit Multiplier		1.16	1.15	1.25	1.15	2.25	1.02	1.19	1.16	1.14	2.25

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

B. INORGANIC DATA

METALS

SALEM ACRES RI/FS SOIL SAMPLE RESULTS March and April 1989	REPORTING LIMIT (mg/kg)	SL-1-1	SL-1-3A	SL-1-3 4.5 FT	SL-2-1	SL-2-2	SL-2-3 SURFACE	SL-2-4	SL-3-1	SL-4-1A
Aluminum	4.2	4110	6070	9940	12100	9840	12900	12300	4210	10600
Antimony	4.8	ND UJ	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ	ND UJ
Arsenic	0.2	0.95	2.6	3.4	4.4	4.1	3.5	3.4	1.8	65.5
Barium	0.4	13.2	45.8	11.9	24.2	70.1	74.7	48.6	162	178
Beryllium	0.2	0.28	0.40	0.39	0.64	0.4	0.81	0.56	0.27	3.0
Cadmium	0.8	ND UJ	ND UJ	ND UJ	ND	ND	ND UJ	ND UJ	0.99 J	ND UJ
Calcium	13.8	1750	25800	1210	605	1490	3100	5060	8510	3530
Chromium	1.0	10.0	14.8	12.8	10.1	16.0	12.2	20.0	648	18.4
Cobalt	0.8	4.3	4.2	5.2	5.3	9.8	9.2	12.7	2.9	11.9
Copper	1.0	7.3	23.6	9.6	14.6 U	65.5	11.0	12.0 U	22.6	52.7
Iron	6.2	7670	10700	9010	12000	41700	21300	31400	7080	7910
Lead	5.0	13.7 J	152	11.7 J	54.5	327	41.6	63.2	87.2	17.6
Magnesium	9.4	1330	1550	2390	1390	856	2510	1730	1230	1070
Manganese	1.0	85.3	114	82.9	185	157	769	841	100	59.4
Mercury	0.10	ND	0.1	ND	ND	0.7	0.1	ND	0.5	0.70
Nickel	1.0	4.9	5.5	8.7	8.4 J	34.6 J	9.6	8.2	7.6	28.8
Potassium	18.4	331	460	332	268	191	653	351	238	2180
Selenium	0.2	ND	0.28	ND	0.35 J	0.37 J	0.49	0.82	0.34	4.2 J
Silver	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	296	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.4	ND	ND	ND	ND	ND	ND	ND	ND	0.99
Vanadium	0.6	13.3	17.7	19.6	34.8	35.1	42.1	46.1	15.6	73.6
Zinc	0.4	60.1 J	159 J	36.7 J	49.3 J	129 J	75.4 J	50.1 J	138 J	32.6 J
Cyanide	0.25	ND	ND	ND	1.2	0.9	0.33	ND	ND	ND
Reporting Limit Multiplier		1.13	1.25	1.23	1.25	1.16	1.36	1.86	1.29	1.41

ND Element was not detected.

U This element should be considered "not detected" since it was detected in a blank at a similar level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

METALS

SALEM ACRES RI/FS SOIL SAMPLE RESULTS March 1989	REPORTING LIMIT (mg/kg)	SL-4-1B 3.0 Ft	SL-4-1B 7.5 Ft	SL-4-1C 2.0 Ft	SL-4-1C 3.0 Ft	SL-4-2A 4.0 Ft	SL-4-2AD 4.0 Ft	SL-4-2B 12.5 Ft	SL-4-2B 17.0 Ft	SL-4-2C 7.0 Ft
Aluminum	4.2	7500	8740	7760	13900	11100	11100	12400	4950	10500
Antimony	4.8	ND UJ	38.2 UJ	ND UJ	ND UJ	ND UJ	ND UJ	7.8 UJ	ND UJ	ND UJ
Arsenic	0.2	83.5	44.7	13.3	4.7	124	109	15.4	2.60	106
Barium	0.4	440	1070 J	145 J	37.3	313	290	1390	61.7	195
Beryllium	0.2	2.9	0.5	0.55	0.54	4.7	4.5	0.76	0.26	2.7
Cadmium	0.8	ND UJ	2.50 J	0.89 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Calcium	13.8	3160	129000	148000	4280	3450	3200	8850	1170	3030
Chromium	1.0	13.8	5210 J	3910 J	94.1	23.0	22.3	4740	49.6	17.2
Cobalt	0.8	12.1	11.6	4.2	6.6	20.1	19.9	8.5	5.1	12.0
Copper	1.0	56.6	427	83.3	18.7	66.6	63.0	558	11.2	43.9
Iron	6.2	5420	94600	13000	21600	7370	8500	53500	12100	20400
Lead	5.0	25.5	3220	1420	53.0	24.9 J	36.6	2670	53.6 J	18.8 J
Magnesium	9.4	507	2080	2300	2030	926	960	3090	1720	897
Manganese	1.0	23.4	568 J	314 J	96.9	33.9	40.3	208	60.7	53.3
Mercury	0.10	1.0	0.1	1.8	0.30	0.8	1.0	1.3	0.1	0.8
Nickel	1.0	24.1	33.2	11.9	56.0	36.8	38.4	22.8	3.6	24.3
Potassium	18.4	1740	901	212	458	1740	1910	639	361	1570
Selenium	0.2	6.6 J	ND	ND	0.76 J	5.7	6.3	1.9	0.77	5.4
Silver	0.8	ND	3.5	4.0	ND	ND	ND	1.9	ND	ND
Sodium	296	ND	3630	704	ND	ND	501	1220	ND	ND
Thallium	0.4	0.89	ND	ND	ND	1.7	1.5	ND	ND	1.0
Vanadium	0.6	73.3	47 J	20.9 J	32.9	110	101	94.3	18.6	73.5
Zinc	0.4	28.2 J	956 J	847 J	195 J	55.1 J	58.7 J	915 J	61.3 J	40.5 J
Cyanide	0.25	0.7	3.20	2.80	0.6	ND	ND	2.50	ND	ND
Reporting Limit Multiplier		1.94	1.27	1.27	1.31	1.68	1.41	1.43	1.10	1.58

ND Element was not detected.

U This element should be considered "not detected" since it was detected in a blank at a similar level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

METALS

SALEM ACRES RI/FS SOIL SAMPLE RESULTS March 1989	REPORTING LIMIT (mg/kg)	SL-4-2C 10.0 Ft	SL-5-1A 4.5 Ft	SL-5-1B	SL-5-2A 4.5 Ft	SL-5-2B	SL-5-2C	SL-5-2C-D	SL-6	SL-7
Aluminum	4.2	13300	8990	10800	7900	8930	12300	12100	16600	11600
Antimony	4.8	ND UJ	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Arsenic	0.2	3.1	34.5	17.2	31.2	31.8	20.7	24.0	4.4	5.4
Barium	0.4	16.7	765	32.6	374	567	77.2	81.8	22.4	63.5
Beryllium	0.2	0.52	1.3	0.7	0.99	1.0	0.93	1.0	0.59 U	0.81 U
Cadmium	0.8	ND UJ	2.1	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND *	ND *
Calcium	13.8	2160	12800	3280	13800	19900	3520	5370	1090 U	3300 J
Chromium	1.0	9.8	309	7.1	402	1850	122	81.6	14.7	70.8
Cobalt	0.8	5.1	10.8	3.8	8.4	7.5	7.7	6.8	7.1	9.5
Copper	1.0	7.4	51.5	9.3	69.7	90.0	36.9	41.1	17.8 U	28.5
Iron	6.2	18200	18000	14800	15000	11600	15100	14600	20600	27700
Lead	5.0	19 J	3240	39.0	1650	706	56.6	84.8	58.8	96.7
Magnesium	9.4	1160	1940	1020	1130	1370	1470	1580	2410	2870
Manganese	1.0	96.8	324	109	282	175	132	137	124 J	149 J
Mercury	0.10	ND	0.9	ND	1.0	0.8	0.3	0.3	ND	ND
Nickel	1.0	2.4	79.1 J	47.4 J	24.2	22.9	10.5	10.7	8.8	9.1
Potassium	18.4	358	985	284	525	695	501	513	388 U	617 U
Selenium	0.2	0.83	2.10	0.83 J	2.6 J	2.4 J	1.8 J	2.3 J	0.36	ND
Silver	0.8	ND	ND	ND	ND	ND	ND	ND	2.1 U	1.9 U
Sodium	296	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.4	ND	0.57	0.46	ND	ND	ND	ND	ND	ND
Vanadium	0.6	26.3	422	740	84.1	80.8	49.9	49.0	49.0	49.4
Zinc	0.4	49.1 J	1520 J	60.7 J	756 J	651 J	102 J	145 J	55	197
Cyanide	0.25	1.20	20.8	0.6	2.4	1.1	ND	0.70	ND	ND
Reporting Limit Multipler		1.34	1.91	1.34	1.99	1.61	1.65	1.53	1.37	1.45

ND Element was not detected.

U This element should be considered "not detected" since it was detected in a blank at a similar level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

METALS

SALEM ACRES RI/FS SOIL SAMPLE RESULTS March and April 1989	REPORTING LIMIT (mg/kg)	SL-8	SL-9	SL-10	SL-11	SL-12	SL-13	SL-14	SL-15	SL-16
Aluminum	4.2	7720	11600	17600	11800	12200	16800	10800	6620	11200
Antimony	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.2	1.2	2.8	1.9	3.7	4.3	4.1	3.6	1.70	3.0
Barium	0.4	27.7	25.8	28.6	41.9	45.3	27.0	36.0	45.0	47.7
Beryllium	0.2	0.61 U	0.61 U	0.91 U	0.91 U	0.65 U	0.77 U	0.78 U	0.56	0.38
Cadmium	0.8	ND*	ND*	ND*	ND*	ND*	ND*	ND*	ND	ND
Calcium	13.8	5210 J	3190 J	1710 U	1420 U	3140 J	1050 U	2420 J	3420	1960
Chromium	1.0	5.9 U	10.9	9.4	11.6	108	13.1	13.4	8.6	9.4
Cobalt	0.8	13.1	10.9	9.6	5.6	7.2	6.5	8.5	4.6	9.7
Copper	1.0	13 U	12.9 U	14 U	13.4 U	15.5 U	8.0 U	15 U	17.8 U	16.7 U
Iron	6.2	22600	22800	27400	18700	18000	21100	14300	11300	20000
Lead	5.0	9.8	12.6	19.5	53.9	41.4	36.9	18.8	44.5	67.6
Magnesium	9.4	4660	3740	3810	1380	2450	1710	2290	1600	2460
Manganese	1.0	253 J	141 J	82.1 J	186 J	146 J	141 J	247 J	56.4	204
Mercury	0.10	ND	ND	ND	ND	ND	ND	ND	ND	0.2
Nickel	1.0	8.5	8.8	10.9	7.3	8.5	6.9	10.2	8.1 J	8.7 J
Potassium	18.4	551 U	479 U	403 U	465 U	653 U	339 U	618 U	432	321
Selenium	0.2	ND	ND	0.6	0.61	0.39	0.54	ND	0.43 J	0.35 J
Silver	0.8	1.7 U	1.3 U	2.3 U	1.6 U	1.6 U	1.8 U	1.8 U	ND	ND
Sodium	296	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	0.6	35.6	53.7	65.2	51.5	35.4	45.1	26.7	34.1	50.3
Zinc	0.4	96.1	56.7	57.3	74.2	74.4	44.2	61.6	42.9 J	89.3 J
Cyanide	0.25	ND	ND	ND	0.6	ND	ND	ND	0.8	1.5
Reporting Limit Multiplier		1.16	1.22	1.77	1.61	1.23	1.36	1.33	1.34	1.17

ND Element was not detected.

U This element should be considered "not detected" since it was detected in a blank at a similar level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

METALS

SALEM ACRES RI/FS SOIL SAMPLE RESULTS September 1989	REPORTING LIMIT (mg/Kg)	SL-1-1A 2 FT	SL-1-1B 1 FT	SL-1-1C 2 FT	SL-1-1C 2 FT D	SL-1-1D 5.5 FT	SL-1-1E 1 FT	SL-3-1A 2 FT	SL-3-1A 2 FT D	SL-3-1A 4.5 FT	SL-3-1B SURFACE
Aluminum	7.8	6530	4100	4370	3960	3690	8560	12000	12400	5830	11800
Antimony	7.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND UJ
Arsenic	0.4	1.8	1.4	1.1	1.1	1.3	2.3	3.7	3.5	1.6	4
Barium	0.2	11	12	8	6	10 J	22 J	86 J	213 J	137 J	69 J
Beryllium	0.2	.5	.4	.3	.4	.3	.6	.5	.6	.3	.6
Cadmium	1.0	ND	ND	ND	ND	ND	ND	.9	.9	1.7	.6
Calcium	6.2	1970	1970	1580	1800	2000 J	3310 J	7030 J	3960 J	11800 J	4310
Chromium	1.0	6 U	6 U	3 U	4 U	4 U	9	354	541	1020	256
Cobalt	0.6	5	3	3	3	3	10	5	4	3	5
Copper	1.2	15	9	7	6	6	12	26	39	27	18
Iron	1.2	10800	8230	8020	7570	10400	18200	15200	12700	8440	16100
Lead	4.4	14 J	15	9 J	7 J	9	22	110	95	77	59
Magnesium	8.0	1770	1260	1400	1320	1590	3160	3200	1850	1560	2450 J
Manganese	0.2	97	154	80	72	119	260	240	201	115	220
Mercury	0.1	ND	ND	ND	ND	ND	ND	.5	.5	.9	.2
Nickel	3.6	106	ND	ND	ND	ND	5 J	12 J	76 J	7 J	10
Potassium	140	383	346	ND	ND	ND	ND	381	ND	ND	844 J
Selenium	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6 J
Silver	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
Sodium	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	1.0	19	12	12	11	13	32	29	24	21	33
Zinc	1.8	43	40	32	31	34	67	110	101	133	87
Cyanide	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Reporting Limit Multiplier		1.3	1.16	1.16	1.15	1.23	1.23	1.18	1.23	1.15	1.08

ND Element was not detected.

U This element should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This element was not detected, but the detection limit should be considered esitmated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

SALEM ACRES RI/FS SOIL SAMPLE RESULTS September 1989	REPORTING LIMIT (mg/kg)	SL-3-1B 1 FT	SL-3-1B 1 FT D	SL-3-1B 2.5 FT	SL-3-1B 3 FT	SL-3-1C 0 FT	SL-3-1C 2 FT	SL-3-1D 2.5 FT	SL-3-1E 0 FT	SL-3-1E 4.5 FT	SL-3-1E 5.5 FT
Aluminum	7.8	8800	8250	8830	375	19900	8710	8370	14500	913	6640
Antimony	7.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND	ND	ND
Arsenic	0.4	4.9	2.6	1.0	0.8	8	2.3	1.3	4	0.9	1
Barium	0.2	64	57	42 J	796 J	118 J	74 J	47	111	368	25
Beryllium	0.2	0.5	0.4	0.7	ND	1.3	0.5	0.6	0.6	ND	0.5
Cadmium	1.0	0.6	ND	ND	1.4	1	1	ND	1.8	1.7	ND
Calcium	6.2	3110	3700	3840	16300	7750	5400	3410	7290	15000	2160
Chromium	1.0	284	232	42	1870	478	375	110	597	1350	38
Cobalt	0.6	4	4	8	ND	10	5	7	5	ND	6
Copper	1.2	16	14	8 U	32	31	27	13	39	29	8 U
Iron	1.2	11600	11400	18400	448	30700	12800	16100	17700	1090	12200
Lead	4.4	53	40	17	155	87	67	27	96	160	12
Magnesium	8.0	1720 J	2120 J	3350 J	76 J	4780 J	2140 J	3030	2660	184	1740
Manganese	0.2	157	154	107	7	401	ND	133	155	14	120
Mercury	0.1	0.3	0.5	ND	1.0	0.5	0.7	0.1	0.6	1.5	ND
Nickel	3.6	7	10	6	ND	16	ND	12	12	ND	ND
Potassium	140	497 J	653 J	816 J	ND UJ	1290 J	ND UJ	ND	ND	ND	ND
Selenium	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	1.0	ND	ND	2	ND	ND	ND	ND	1	ND	ND
Sodium	6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	1.0	24	23	52	4	54	ND	37	39	5	28
Zinc	1.8	77	67	58	425	172	ND	77	135	247	42
Cyanide	0.25	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Reporting Limit Multiplier		1.16	1.15	1.25	1.15	2.22	1.02	1.19	1.16	1.14	2.27

ND Element was not detected.

U This element should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This element was not detected, but the detection limit should be considered esitmated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-16
Lab ID: 003356-0009-SA Enseco ID: 2020599
Matrix: SOIL Sampled: 21 APR 89 Received: 21 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 26 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	550	ug/kg	NA
Unknown	340	ug/kg	NA
Unknown	280	ug/kg	NA
Unknown PAH	310	ug/kg	NA
Unknown	360	ug/kg	NA
Unknown	490	ug/kg	NA
Unknown alcohol	1900	ug/kg	NA
Unknown	370	ug/kg	NA
Unknown alcohol	4800	ug/kg	NA
Unknown	300	ug/kg	NA
Unknown	510	ug/kg	NA
Benzo(e)pyrene	300	ug/kg	NA
Unknown aldehyde	3100	ug/kg	NA
Unknown	6100	ug/kg	NA
Unknown	510	ug/kg	NA
Unknown aldehyde	1200	ug/kg	NA
Unknown	2500	ug/kg	NA
Unknown	920	ug/kg	NA
Unknown	460	ug/kg	NA
Unknown	480	ug/kg	NA

Percent Moisture is 33%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-2-3-SURFACE
Lab ID: 003131-0001-SA Enseco ID: 2018829
Matrix: SOIL Sampled: 30 MAR 89 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 04 APR 89 Analyzed: 04 MAY 89

Parameter	Result		Dry Weight Units	Reporting Limit
Unknown unsaturated hydrocarbon	1700	J	ug/kg	NA
Unknown alcohol	3600	J	ug/kg	NA
Unknown aldehyde	1100	J	ug/kg	NA
Unknown alkane	7600	J	ug/kg	NA
Unknown alkane	530	J	ug/kg	NA
Unknown	480	J	ug/kg	NA
Unknown aldehyde	1400	J	ug/kg	NA
Unknown alkane	6500	J	ug/kg	NA
Unknown alcohol	1900	J	ug/kg	NA
Unknown aldehyde	560	J	ug/kg	NA
Unknown aldehyde	1600	J	ug/kg	NA
Unknown alkane	1600	J	ug/kg	NA
Unknown steroid	3600	J	ug/kg	NA
Unknown	500	J	ug/kg	NA
Unknown	1100	J	ug/kg	NA
Unknown	940	J	ug/kg	NA
Unknown	630	J	ug/kg	NA
Unknown	480	J	ug/kg	NA
Unknown	920	J	ug/kg	NA
Unknown	660	J	ug/kg	NA

Percent Moisture is 31%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-2-4-0.75 FT
Lab ID: 003131-0002-SA Enseco ID: 2018830
Matrix: SOIL Sampled: 30 MAR 89 Received: 30 MAR 89
Authorized: 31 MAR 89 Prepared: 04 APR 89 Analyzed: 04 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	420	ug/kg	NA
Unknown alkene	1600	ug/kg	NA
Unknown alkene	260	ug/kg	NA
Unknown	3900	ug/kg	NA
Unknown alcohol	260	ug/kg	NA
Unknown aldehyde	1000	ug/kg	NA
Unknown alkane	4000	ug/kg	NA
Unknown	290	ug/kg	NA
Unknown aldehyde	1400	ug/kg	NA
Unknown alkane	1900	ug/kg	NA
Unknown hydrocarbon	1500	ug/kg	NA
Unknown aldehyde	1300	ug/kg	NA
Unknown	500	ug/kg	NA
Unknown steroid	2400	ug/kg	NA
Unknown	370	ug/kg	NA
Unknown	900	ug/kg	NA
Unknown	420	ug/kg	NA
Unknown	1100	ug/kg	NA
Unknown	2600	ug/kg	NA
Unknown	690	ug/kg	NA

Percent Moisture is 38%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-2-4-1.5 FT
Lab ID: 003131-0003-SA
Matrix: SOIL
Authorized: 31 MAR 89

Enseco ID: 2018831
Sampled: 30 MAR 89
Prepared: 04 APR 89

Received: 30 MAR 89
Analyzed: 05 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alkanoic acid	630	ug/kg	NA
Unknown	450	ug/kg	NA
Unknown methylated siloxane	300	ug/kg	NA
Unknown	270	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 36%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook

Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-1A-4 FT
Lab ID: 003077-0001-SA Enseco ID: 2018424
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: 19 APR 89 Analyzed: 15 APR 89

Parameter	Result		Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	470	J	ug/kg	NA
TID Compound 2	ND		ug/kg	NA
TID Compound 3	ND		ug/kg	NA
TID Compound 4	ND		ug/kg	NA
TID Compound 5	ND		ug/kg	NA
TID Compound 6	ND		ug/kg	NA
TID Compound 7	ND		ug/kg	NA
TID Compound 8	ND		ug/kg	NA
TID Compound 9	ND		ug/kg	NA
TID Compound 10	ND		ug/kg	NA
TID Compound 11	ND		ug/kg	NA
TID Compound 12	ND		ug/kg	NA
TID Compound 13	ND		ug/kg	NA
TID Compound 14	ND		ug/kg	NA
TID Compound 15	ND		ug/kg	NA
TID Compound 16	ND		ug/kg	NA
TID Compound 17	ND		ug/kg	NA
TID Compound 18	ND		ug/kg	NA
TID Compound 19	ND		ug/kg	NA
TID Compound 20	ND		ug/kg	NA

Percent Moisture is 37%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Paula DiMattei Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-1A-10 FT
Lab ID: 003077-0002-SA Enseco ID: 2018425
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 15 APR 89

Parameter	Result		Dry Weight Units	Reporting Limit	
Unknown	210	J	ug/kg	NA	J
Sulfur, mol. (S8)	8500	J	ug/kg	NA	J
~~Hexanedioic acid ester~~ adipate	530	J	ug/kg	NA	J
TID Compound 4	ND		ug/kg	NA	
TID Compound 5	ND		ug/kg	NA	
TID Compound 6	ND		ug/kg	NA	
TID Compound 7	ND		ug/kg	NA	
TID Compound 8	ND		ug/kg	NA	
TID Compound 9	ND		ug/kg	NA	
TID Compound 10	ND		ug/kg	NA	
TID Compound 11	ND		ug/kg	NA	
TID Compound 12	ND		ug/kg	NA	
TID Compound 13	ND		ug/kg	NA	
TID Compound 14	ND		ug/kg	NA	
TID Compound 15	ND		ug/kg	NA	
TID Compound 16	ND		ug/kg	NA	
TID Compound 17	ND		ug/kg	NA	
TID Compound 18	ND		ug/kg	NA	
TID Compound 19	ND		ug/kg	NA	
TID Compound 20	ND		ug/kg	NA	

Note J : Result is detected below reporting limit or is an estimated concentration.

Percent Moisture is 27%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-1B-3 FT
Lab ID: 003077-0004-SA Enseco ID: 2018427
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 15 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
TID Compound 1	ND	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 48%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-1B-7.5 FT
Lab ID: 003077-0005-SA Enseco ID: 2018428
Matrix: SOIL Sampled: 24 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 15 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit	
Unknown alkanoic acid	2000 J	ug/kg	NA	J
Unknown alkanoic acid	4700 J	ug/kg	NA	J
Sulfur, mol. (S8)	4600 J	ug/kg	NA	J
Unknown hydrocarbon	1900 J	ug/kg	NA	J
Unknown	2900 J	ug/kg	NA	J
Unknown	2400 J	ug/kg	NA	J
Unknown	2300 J	ug/kg	NA	J
Unknown	3000 J	ug/kg	NA	J
Unknown	1700 J	ug/kg	NA	J
Unknown	5800 J	ug/kg	NA	J
Unknown	5600 J	ug/kg	NA	J
Unknown	2600 J	ug/kg	NA	J
Unknown	3300 J	ug/kg	NA	J
Unknown	4700 J	ug/kg	NA	J
Unknown	2400 J	ug/kg	NA	J
Unknown	3000 J	ug/kg	NA	J
Unknown	2900 J	ug/kg	NA	J
Unknown	3300 J	ug/kg	NA	J
Unknown	9500 J	ug/kg	NA	J
Unknown steroid	4200 J	ug/kg	NA	J

Note J : Result is detected below reporting limit or is an estimated concentration.

Percent Moisture is 30%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Debra Loring

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-1C-2 FT
Lab ID: 003077-0006-SA
Matrix: SOIL
Authorized: 27 MAR 89

Enseco ID: 2018429
Sampled: 24 MAR 89
Prepared: 31 MAR 89

Received: 24 MAR 89
Analyzed: 15 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
9H-Carbazole, 9-nitroso-	1800 J	ug/kg	NA
Methylphenanthrene/anthracene isomer	1500 J	ug/kg	NA
2-Phenylnaphthalene	2300 J	ug/kg	NA
Unknown alkanoic acid	2800 J	ug/kg	NA
Sulfur, mol. (S8)	2400 J	ug/kg	NA
Unknown	3200 J	ug/kg	NA
Unknown	2200 J	ug/kg	NA
Unknown PAH	3000 J	ug/kg	NA
Unknown PAH	3300 J	ug/kg	NA
Unknown	2200 J	ug/kg	NA
Unknown hydrocarbon	1700 J	ug/kg	NA
Unknown	2400 J	ug/kg	NA
C19H14 aromatic isomer	2600 J	ug/kg	NA
Unknown alcohol	6900 J	ug/kg	NA
Benzo(j)fluoranthene	2800 J	ug/kg	NA
Benzo(e)pyrene	7600 J	ug/kg	NA
Unknown	2200 J	ug/kg	NA
Unknown	5900 J	ug/kg	NA
Unknown alkane	1800 J	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 22%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring

Approved By: Paula DiMattei

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-1C-3 FT
Lab ID: 003077-0007-SA
Matrix: SOIL
Authorized: 27 MAR 89

Enseco ID: 2018433
Sampled: 24 MAR 89
Prepared: 31 MAR 89

Received: 24 MAR 89
Analyzed: 15 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alkanoic acid	600 J	ug/kg	NA
Sulfur, mol. (S8)	820 J	ug/kg	NA
Unknown alkane	360 J	ug/kg	NA
Unknown alcohol	610 J	ug/kg	NA
Unknown	920 J	ug/kg	NA
Unknown alcohol	2800 J	ug/kg	NA
Unknown alcohol	760 J	ug/kg	NA
Unknown	490 J	ug/kg	NA
Unknown	380 J	ug/kg	NA
Unknown alcohol	7000 J	ug/kg	NA
Unknown	350 J	ug/kg	NA
Unknown	690 J	ug/kg	NA
Unknown alcohol	1200 J	ug/kg	NA
Unknown alcohol	4500 J	ug/kg	NA
Unknown	270 J	ug/kg	NA
Unknown alkane	310 J	ug/kg	NA
Unknown aldehyde	310 J	ug/kg	NA
Unknown alkane	1400 J	ug/kg	NA
Unknown	350 J	ug/kg	NA
Unknown	700 J	ug/kg	NA

Percent Moisture is 23%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring

Approved By: Paula DiMattei

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-2A-4 FEET
Lab ID: 003130-0001-SA
Matrix: SOIL
Authorized: 31 MAR 89

Enseco ID: 2018854
Sampled: 28 MAR 89
Prepared: 04 APR 89

Received: 28 MAR 89
Analyzed: 01 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C9H20 isomer	390	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 43%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook

Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-2B-12.5 FEET
Lab ID: 003130-0002-SA Enseco ID: 2018855
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: 04 APR 89 Analyzed: 01 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C16H1205 isomer	290	ug/kg	NA
Unknown steroid	710	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 35%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-2B-17 FEET
Lab ID: 003130-0003-SA
Matrix: SOIL
Authorized: 31 MAR 89

Enseco ID: 2018856
Sampled: 28 MAR 89
Prepared: 04 APR 89

Received: 28 MAR 89
Analyzed: 01 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	140	ug/kg	NA
Unknown	640	ug/kg	NA
Unknown	1400	ug/kg	NA
Unknown aldehyde	220	ug/kg	NA
Unknown	890	ug/kg	NA
Unknown aldehyde	220	ug/kg	NA
Unknown alkane	490	ug/kg	NA
Unknown aldehyde	220	ug/kg	NA
Unknown steroid	390	ug/kg	NA
Unknown	280	ug/kg	NA
Unknown	180	ug/kg	NA
Unknown	1400	ug/kg	NA
Unknown	260	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 10%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook

Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-2AD-4 FEET
Lab ID: 003130-0004-SA Enseco ID: 2018858
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: 04 APR 89 Analyzed: 01 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	690	ug/kg	NA
C9H20 isomer	320	ug/kg	NA
n-Decane	290	ug/kg	NA
Hexandecanoic acid	320	ug/kg	NA
Sulfur, mol. (S8)	280	ug/kg	NA
Substituted octadecanoic acid	520	ug/kg	NA
Unknown alcohol	490	ug/kg	NA
Unknown alcohol	620	ug/kg	NA
Unknown alkane	320	ug/kg	NA
Unknown steroid	440	ug/kg	NA
Unknown steroid	270	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 32%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-2C-7 FEET
Lab ID: 003130-0005-SA Enseco ID: 2018865
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: 04 APR 89 Analyzed: 01 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	2200	ug/kg	NA
TID Compound 2	ND	ug/kg	NA
TID Compound 3	ND	ug/kg	NA
TID Compound 4	ND	ug/kg	NA
TID Compound 5	ND	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 37%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook

Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-4-2C-10 FEET
Lab ID: 003130-0006-SA Enseco ID: 2018869
Matrix: SOIL Sampled: 28 MAR 89 Received: 28 MAR 89
Authorized: 31 MAR 89 Prepared: 04 APR 89 Analyzed: 02 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Substituted phenol	13000	ug/kg	NA
Unknown	5000	ug/kg	NA
Unknown	1600	ug/kg	NA
Unknown	1500	ug/kg	NA
Unknown	1700	ug/kg	NA
Unknown alkane	2100	ug/kg	NA
Sulfur, mol. (S8)	2500	ug/kg	NA
Unknown	5400	ug/kg	NA
Unknown alkane	4800	ug/kg	NA
Unknown	2100	ug/kg	NA
Unknown alkene	590	ug/kg	NA
Unknown alcohol	6900	ug/kg	NA
Unknown	1100	ug/kg	NA
Unknown aldehyde	540	ug/kg	NA
Unknown	2800	ug/kg	NA
Unknown alkane	780	ug/kg	NA
Unknown steroid	500	ug/kg	NA
Unknown steroid	420	ug/kg	NA
Unknown	1600	ug/kg	NA
Unknown	540	ug/kg	NA

Percent Moisture is 24%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-1A-4.5FT
Lab ID: 003033-0001-SA Enseco ID: 2017938
Matrix: SOIL Sampled: 22 MAR 89 Received: 22 MAR 89
Authorized: 23 MAR 89 Prepared: 31 MAR 89 Analyzed: 14 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit	
Methylphenanthrene/anthracene isomer	3400	ug/kg	NA	J
Methylphenanthrene/anthracene isomer	3400	ug/kg	NA	J
4H-Cyclopenta[DEF]phenanthrene	4500	ug/kg	NA	J
2-Phenylnaphthalene + unknown	4900	ug/kg	NA	J
Unknown PAH	3800	ug/kg	NA	J
Unknown PAH	8700	ug/kg	NA	J
11H-Benzofluorene isomer	5300	ug/kg	NA	J
Methylpyrene isomer	3800	ug/kg	NA	J
Unknown PAH	5700	ug/kg	NA	J
C17H10O isomer	5500	ug/kg	NA	J
C18H12 & C18H10 isomers	7000	ug/kg	NA	J
C17H10O isomer	3800	ug/kg	NA	J
C18H12 isomer	3400	ug/kg	NA	J
C19H14 aromatic isomer	5300	ug/kg	NA	J
Unknown PAH	3400	ug/kg	NA	J
C19H14 aromatic isomer	4500	ug/kg	NA	J
C19H14 aromatic isomer	3600	ug/kg	NA	J
C19H14 & C19H12 isomer	3600	ug/kg	NA	J
Benzo(j)fluoranthene	3600	ug/kg	NA	J
Benzo(e)pyrene	13000	ug/kg	NA	J

Note J : Result is detected below reporting limit or is an estimated concentration.

Percent Moisture is 53%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Paula DiMattei

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-1B-2FT
Lab ID: 003033-0002-SA Enseco ID: 2017940
Matrix: SOIL Sampled: 22 MAR 89 Received: 22 MAR 89
Authorized: 23 MAR 89 Prepared: 31 MAR 89 Analyzed: 14 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit	
Substituted phenol	260	ug/kg	NA	J
Substituted benzene	860	ug/kg	NA	J
Substituted phenanthrenol isomer	470	ug/kg	NA	J
Unknown	680	ug/kg	NA	J
Unknown cyclic hydrocarbon	380	ug/kg	NA	J
Unknown hydrocarbon	2100	ug/kg	NA	J
Unknown hydrocarbon	410	ug/kg	NA	J
Unknown alcohol	7500	ug/kg	NA	J
Unknown hydrocarbon	880	ug/kg	NA	J
Unknown	210	ug/kg	NA	J
Unknown hydrocarbon	1100	ug/kg	NA	J
Unknown	240	ug/kg	NA	J
Unknown	360	ug/kg	NA	J
Unknown	430	ug/kg	NA	J
Unknown steroid	650	ug/kg	NA	J
Unknown	470	ug/kg	NA	J
Amyrin isomer	640	ug/kg	NA	J
Unknown aromatic	2600	ug/kg	NA	J
Unknown	290	ug/kg	NA	J
Unknown	910	ug/kg	NA	J

Note J : Result is detected below reporting limit or is an estimated concentration.

Percent Moisture is 14%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Paula DiMattei

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-1B-1.5FT
Lab ID: 003033-0004-SA Enseco ID: 2017943
Matrix: SOIL Sampled: 22 MAR 89 Received: 22 MAR 89
Authorized: 23 MAR 89 Prepared: 31 MAR 89 Analyzed: 14 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit	
Substituted benzene	750	ug/kg	NA	J
C7H12O2 isomer	770	ug/kg	NA	J
Unknown alkene	960	ug/kg	NA	J
Substituted phenanthrenol isomer	1000	ug/kg	NA	J
Unknown	850	ug/kg	NA	J
Unknown hydrocarbon	4900	ug/kg	NA	J
Unknown hydrocarbon	720	ug/kg	NA	J
Unknown	8200	ug/kg	NA	J
Unknown alkane	890	ug/kg	NA	J
Unknown	3300	ug/kg	NA	J
Unknown	7800	ug/kg	NA	J
Unknown alkanone	1300	ug/kg	NA	J
Unknown	1700	ug/kg	NA	J
Unknown alkane	3600	ug/kg	NA	J
Unknown alkanone	2000	ug/kg	NA	J
Unknown alkane	660	ug/kg	NA	J
Unknown alkane	1300	ug/kg	NA	J
Unknown alkanone	3000	ug/kg	NA	J
Unknown steroid	850	ug/kg	NA	J
Unknown steroid	880	ug/kg	NA	J

Note J : Result is detected below reporting limit or is an estimated concentration.

Percent Moisture is 36%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Nancy Rothman Approved By: Paula DiMattei

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SL-5-2A-4.5 FT
Lab ID: 003078-0001-SA Enseco ID: 2018415
Matrix: SOIL Sampled: 23 MAR 89 Received: 24 MAR 89
Authorized: 27 MAR 89 Prepared: 31 MAR 89 Analyzed: 29 APR 89

Parameter	Result	Dry Weight Units	Reporting Limit
Methylphenanthrene/anthracene isomer	7200 J	ug/kg	NA
Methylphenanthrene/anthracene isomer	7800 J	ug/kg	NA
C15H10 aromatic isomer	13000 J	ug/kg	NA
Methylphenanthrene/anthracene isomer	5400 J	ug/kg	NA
2-Phenylnaphthalene	8200 J	ug/kg	NA
Dimethylphenanthrene/anthracene isomer	6000 J	ug/kg	NA
C17H12 aromatic isomer	10000 J	ug/kg	NA
C18H12 & C18H10 isomers	5600 J	ug/kg	NA
C18H12 isomer	8000 J	ug/kg	NA
C19H14 & C19H12 isomer	9200 J	ug/kg	NA
Unknown	10000 J	ug/kg	NA
Unknown	6600 J	ug/kg	NA
Benzo(e)pyrene	16000 J	ug/kg	NA
Unknown	6800 J	ug/kg	NA
Unknown	7200 J	ug/kg	NA
Unknown	9800 J	ug/kg	NA
Unknown	5600 J	ug/kg	NA
Unknown	6200 J	ug/kg	NA
Unknown	5800 J	ug/kg	NA
Unknown	6800 J	ug/kg	NA

Percent Moisture is 50%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Peter Kane Approved By: Linda Cook

MGI SURFACE WATER DATA

Environmental Standards, Inc.
Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 215/935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - SURFACE WATER

July 19, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, MA 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

A. ORGANIC DATA

1. VOLATILE TCL ORGANICS

SURFACE WATER - VOLATILES (ug/L)

SALEN ACRES RI/FS SURFACE WATER SAMPLE RESULTS MAY/JULY 1989 **	REPORTING LIMIT (ug/L)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-10D	SW-11	SW-12	TR.BL.(5/8)	F.BL.(7/20)	TR.BL.(7/20)
Chloromethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	25.0	25 U	25 U	25 U	ND	25 U	25 U	25 U	25 U	25 U	32.0 U	25 U	25 U	25 U	4.0 J	15 J	17 J
Acetone	25.0	6.2 *	25 U	25 U	ND	ND	ND	ND	ND	ND	ND	ND	4.2 *	9.0 *	ND	ND	ND
Carbon disulfide	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichoroethane	5.0	ND	ND	ND	ND	ND	ND	1.7 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5.0	ND *	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND *	ND *	ND *	ND	ND
Bromoform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total xylenes	5.0	ND	ND	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multplier	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

ND COMPOUND WAS NOT DETECTED.

** SAMPLES SW-2 THROUGH SW-9 WERE RESAMPLED ON 5/8/89. SAMPLES SW-1, SW-10, SW-10D, SW-11, AND SW-12 WERE RESAMPLED ON 7/20/89.

U THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED". SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.

UJ THIS COMPOUND WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.

J THE QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).

* UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

SURFACE WATER - VOLATILES (ug/L)

SALEM ACRES RI/FS SURFACE WATER SAMPLE RESULTS AUGUST 1989	REPORTING LIMIT (ug/L)	SW-A	SW-B	TRIP
Chloromethane	10.0	ND	ND	ND
Bromomethane	10.0	ND	ND	ND
Vinyl chloride	10.0	ND	ND	ND
Chloroethane	10.0	ND	ND	ND
Methylene chloride	25.0	25 U	25 U	12 J
Acetone	25.0	ND	ND	ND
Carbon disulfide	5.0	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND
Chloroform	5.0	ND	ND	ND
1,2-Dichoroethane	5.0	ND	ND	ND
2-Butanone	10.0	ND	ND	ND
1,1,1-Trichoroethane	5.0	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND
Vinyl acetate	10.0	ND	ND	ND
Bromodichloromethane	5.0	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND
Dibromochloromethane	5.0	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND
Benzene	5.0	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND
2-Chloroethyl vinyl ether	5.0	ND *	ND *	ND *
Bromoform	5.0	ND	ND	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND
2-Hexanone	10.0	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND
Tetrachloroethene	5.0	ND	ND	ND
Toluene	5.0	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND
Styrene	5.0	ND	ND	ND
Total xylenes	5.0	ND	ND	ND
QUANTITATION LIMIT MULTIPLIER		1.0	1.0	1.0

ND: NOT DETECTED

NO COMPOUND WAS NOT DETECTED.

** SAMPLES SW-2 THROUGH SW-9 WERE RESAMPLED ON 5/8/89. SAMPLES SW-1, SW-10, SW-10D, SW-11, AND SW-12 WERE RESAMPLED ON 7/20/89.

U THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED". SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.

UJ THIS COMPOUND WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.

J THE QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).

* UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

2. VOLATILE TICs

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: TRIP BLANK
Lab ID: 004053-0002-SA Enseco ID: 2025781
Matrix: AQUEOUS Sampled: 20 JUL 89 Received: 20 JUL 89
Authorized: 21 JUL 89 Prepared: NA Analyzed: 22 JUL 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By:

DRAFT

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: FIELD BLANK
Lab ID: 004053-0003-SA Enseco ID: 2025782
Matrix: AQUEOUS Sampled: 20 JUL 89 Received: 20 JUL 89
Authorized: 21 JUL 89 Prepared: NA Analyzed: 22 JUL 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By:

DRAFT

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW 1 WA1
Lab ID: 004053-0005-SA Enseco ID: 2025787
Matrix: AQUEOUS Sampled: 20 JUL 89 Received: 20 JUL 89
Authorized: 21 JUL 89 Prepared: NA Analyzed: 21 JUL 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By:

DRAFT

VOLATILE ORGANICS (CONT.)

Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-2
Lab ID: 003519-0001-SA Enseco ID: 2021626
Matrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
Authorized: 10 MAY 89 Prepared: NA Analyzed: 11 MAY 89

Note J : Result is detected below reporting limit or is an estimated concentration.

Note p : Analyte detected in Erco blank.

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-3
Lab ID: 003519-0002-SA Enseco ID: 2021627
Matrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
Authorized: 10 MAY 89 Prepared: NA Analyzed: 11 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-4
Lab ID: 003519-0003-SA Enseco ID: 2021628
Matrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
Authorized: 10 MAY 89 Prepared: NA Analyzed: 12 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-5
Lab ID: 003519-0004-SA Enseco ID: 2021629
Matrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
Authorized: 10 MAY 89 Prepared: NA Analyzed: 11 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-6
Lab ID: 003519-0005-SA Enseco ID: 2021630
Matrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
Authorized: 10 MAY 89 Prepared: NA Analyzed: 11 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-7
Lab ID: 003519-0006-SA Enseco ID: 2021631
Matrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
Authorized: 10 MAY 89 Prepared: NA Analyzed: 11 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell

Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-8
Lab ID: 003519-0007-SA Enseco ID: 2021632
Matrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
Authorized: 10 MAY 89 Prepared: NA Analyzed: 11 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

ient Name: Maguire Group, Inc.
lient ID: SW-9
ab ID: 003519-0008-SA Enseco ID: 2021633
atrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
ithorized: 10 MAY 89 Prepared: NA Analyzed: 12 MAY 89

arameter	Result	Units	Reporting Limit
ID Compound 1	ND	ug/L	NA
ID Compound 2	ND	ug/L	NA
ID Compound 3	ND	ug/L	NA
ID Compound 4	ND	ug/L	NA
ID Compound 5	ND	ug/L	NA
ID Compound 6	ND	ug/L	NA
ID Compound 7	ND	ug/L	NA
ID Compound 8	ND	ug/L	NA
ID Compound 9	ND	ug/L	NA
ID Compound 10	ND	ug/L	NA
ID Compound 11	ND	ug/L	NA
ID Compound 12	ND	ug/L	NA
ID Compound 13	ND	ug/L	NA
ID Compound 14	ND	ug/L	NA
ID Compound 15	ND	ug/L	NA

=Not Detected
=Not Applicable

ported By: Sharon Broadwell Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW 10 WA5
Lab ID: 004053-0004-SA
Matrix: AQUEOUS
Authorized: 21 JUL 89

Enseco ID: 2025783
Sampled: 20 JUL 89
Prepared: NA

Received: 20 JUL 89
Analyzed: 22 JUL 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston

Approved By:

DRAFT

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW 10D WA5
Lab ID: 004053-0007-SA Enseco ID: 2025790
Matrix: AQUEOUS Sampled: 20 JUL 89 Received: 20 JUL 89
Authorized: 21 JUL 89 Prepared: NA Analyzed: 21 JUL 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By:

DRAFT

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW 11 WA6
Lab ID: 004053-0006-SA Enseco ID: 2025789
Matrix: AQUEOUS Sampled: 20 JUL 89 Received: 20 JUL 89
Authorized: 21 JUL 89 Prepared: NA Analyzed: 21 JUL 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By:

DRAFT

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW 12 WA1
Lab ID: 004053-0001-SA
Matrix: AQUEOUS
Authorized: 21 JUL 89

Enseco ID: 2025780
Sampled: 20 JUL 89
Prepared: NA

Received: 20 JUL 89
Analyzed: 21 JUL 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston

Approved By:

DRAFT

Ensec

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: TRIP BLANK
Lab ID: 003519-0010-SA Enseco ID: 2021637
Matrix: AQUEOUS Sampled: 08 MAY 89 Received: 08 MAY 89
Authorized: 10 MAY 89 Prepared: NA Analyzed: 11 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Sharon Broadwell Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: TRIP
Lab ID: 004401-0005-SA Enseco ID: 2028498
Matrix: AQUEOUS Sampled: 27 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 06 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-A
Lab ID: 004401-0005-SA Enseco ID: 0028499
Matrix: AQUEOUS Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 06 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: SW-8
Lab ID: 004401-0007-SA Enseco ID: 2028500
Matrix: AQUEOUS Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 06 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

3. SEMIVOLATILE ORGANICS

SURFACE WATER - SEMIVOLATILES (ug/L)

SALEM ACRES RI/FS SURFACE WATER SAMPLE RESULTS APRIL 1989	REPORTING LIMIT (ug/L)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-10E	SW-11	SW-12
Phenol	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(Chloroethyl) ether	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl alchohol	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(Chloroisopropal) ether	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitro-di-n-propylamine	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	50.0	ND	UJ	ND	UJ	ND	UJ	ND	ND	ND	ND	ND	ND	ND
bis (Chloroethoxy) methane	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
Napthalene	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
2-Methylnapthalene	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	50.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
2-Chloronapthalene	50.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	50.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	10.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	50.0	ND		ND		ND		ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		2.0		2.0		2.0		1.2	1.0	1.2	1.2	1.2	1.2	1.2	1.7

ND COMPOUND WAS NOT DETECTED

U THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED". SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.

UJ THIS COMPOUND WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.

J THE QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).

* UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

SURFACE WATER - SEMIVOLATILES (ug/L)

SALEM ACRES RI/FS SURFACE WATER SAMPLE RESULTS APRIL 1989	REPORTING LIMIT (ug/L)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-10D	SW-11	SW-12
Acenaphthene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	50.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	50.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	10.0	ND	7.4 *	5.7 *	7.7 *	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenol phenol ether	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	50.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	50.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	50.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flouranthene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	20.0	ND UJ	ND UJ	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-ethylhexyl)phthalate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.0 J	ND	ND
Di-n-octyl phthalate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (b) Flouranthene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (k) Flouranthene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo (a) pyrene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	10.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(g,h,i)perylene	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

ND COMPOUND WAS NOT DETECTED

U THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED". SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.

UJ THIS COMPOUND WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.

J THE QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).

* UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

4. SEMIVOLATILE TICs

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-1
Lab ID: 003319-0014-SA Enseco ID: 2020148
Matrix: AQUEOUS Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 25 APR 89 Analyzed: 23 MAY 89

Parameter	Result	Units	Reporting Limit
C10H18 isomer	17 J	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei

Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-2
Lab ID: 003319-0004-SA
Matrix: AQUEOUS
Authorized: 24 APR 89
Enseco ID: 2020138
Sampled: 19 APR 89
Prepared: 25 APR 89
Received: 19 APR 89
Analyzed: 22 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook

Approved By: Paula DiMattei

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-3
Lab ID: 003319-0011-SA Enseco ID: 2020145
Matrix: AQUEOUS Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 25 APR 89 Analyzed: 22 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei

Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-4
Lab ID: 003319-0006-SA Enseco ID: 2020140
Matrix: AQUEOUS Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 25 APR 89 Analyzed: 22 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook

Approved By: Paula DiMattei

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-5
Lab ID: 003341-0008-SA
Matrix: AQUEOUS
Authorized: 27 APR 89

Enseco ID: 2020564
Sampled: 20 APR 89
Prepared: 25 APR 89

Received: 20 APR 89
Analyzed: 26 MAY 89

Parameter	Result	Units	Reporting Limit
Unknown siloxane	10	ug/L	NA
Unknown	10	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring

Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-6
Lab ID: 003341-0009-SA Enseco ID: 2020565
Matrix: AQUEOUS Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 25 APR 89 Analyzed: 26 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-7
Lab ID: 003341-0010-SA Enseco ID: 2020566
Matrix: AQUEOUS Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 25 APR 89 Analyzed: 26 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-8
Lab ID: 003341-0011-SA Enseco ID: 2020567
Matrix: AQUEOUS Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 25 APR 89 Analyzed: 26 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring

Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-9
Lab ID: 003341-0012-SA Enseco ID: 2020568
Matrix: AQUEOUS Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 25 APR 89 Analyzed: 26 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring

Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-10
Lab ID: 003341-0013-SA Enseco ID: 2020569
Matrix: AQUEOUS Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 25 APR 89 Analyzed: 26 MAY 89

Hard to believe, but not within label 2 to examine spectrum & comment

Parameter	Result	Units	Reporting Limit
Unknown PAH	54 J	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-10D
Lab ID: 003341-0014-SA Enseco ID: 2020570
Matrix: AQUEOUS Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 25 APR 89 Analyzed: 26 MAY 89

Parameter	Result	Units	Reporting Limit
Unknown PAH	41 J	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-11
Lab ID: 003341-0015-SA Enseco ID: 2020571
Matrix: AQUEOUS Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 25 APR 89 Analyzed: 26 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring

Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-12
Lab ID: 003341-0016-SA Enseco ID: 2020572
Matrix: AQUEOUS Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 25 APR 89 Analyzed: 26 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring

Approved By: Linda Cook

5. PESTICIDES/PCBs

SURFACE WATER - ORGANOCHLORINE PESTICIDES/PCBs (ug/L)

SALEM ACRES RI/FS *SURFACE WATER SAMPLE RESULTS* APRIL 1989	REPORTING *LIMIT* (ug/L)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-100	SW-11	SW-12
alpha - BHC	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta - BHC	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta - BHC	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma - BHC	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	0.050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	*0.100*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
4,4'-DDD	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	0.100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene	1.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	0.500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	1.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	1.000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0

ND COMPOUND WAS NOT DETECTED

U THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED". SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.

UJ THIS COMPOUND WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.

J THE QUANTITATION IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).

* UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

B. INORGANIC DATA

SURFACE WATER - TOTAL METALS (ug/L)

SALEM ACRES RI/FS SURFACE WATER SAMPLE RESULTS April 1989	REPORTING LIMIT (ug/L)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-10E	SW-11	SW-12
Aluminum	21.0	28.4 J	123	162	96.7	146	85.9	481	86.9	313	62.8	57.3	46.8	ND
Antimony	24.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	2.0	28.7	20.2	8.9	24.8	18.4	15.7	19.6	14.5	16.4	19.3	19.1	21.7	ND
Beryllium	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	69.0	45100	24400 J	4440	16400	15500	15100	22500	11700	16300	22800	23400	22200	ND
Chromium	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.0	ND	ND
Cobalt	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	5.0	6.5 J	10 J	6.9	5.8	ND	ND	5.1	ND	6.2	ND	6.1	5.6	31.2
Iron	31.0	9740	831 J	157	406	439	339	1430	168	3190	342	376	595	ND
Lead	1.0	1.0	1.2	ND	ND	ND	3.0	5.0	ND	ND	2.0	ND	ND	ND
Magnesium	47.0	4370	3860	1430	2870	2780	2770	6440	2680	2830	3780	3920	4290	ND
Manganese	5.0	828 J	200 J	32.6	65.0	56.6	42.9	142	9.1	618	61.6	51.7	20.2	ND
Mercury	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Potassium	92.0	5770	2800 J	459	1370	1240	1220	1480	1390	1390	3380	3490	4520	ND
Selenium	1.0	ND UJ	ND	ND	28.9	ND UJ	ND UJ	ND(10X)	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Silver	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2
Sodium	1480	7540 J	3940C	5790	27600	26200	21700	5830	9350	8060	17100	17400	18900	ND
Thallium	2.0	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Vanadium	3.0	ND	ND	ND	ND	ND	NC	5.1	ND	ND	ND	ND	ND	ND
Zinc	2.0	11.9 U	13.7 U	24.4 U	18.8 U	17.5 U	12.6 U	15.7 U	22.8 U	22.8 U	8.8 J	10.5 U	16.3 U	33.8 J
Cyanide	10.0	NA	NA	NA	NA	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ

ND NOT DETECTED
NA NOT ANALYZED
U THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED" SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.
UJ THIS CONSTITUENT WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.
J THE QUANTITATION LIMIT IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).
* UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

SURFACE WATER - DISSOLVED METALS (ug/L)

SALER ACRES RI/FS SURFACE WATER SAMPLE RESULTS April 1989	REPORTING LIMIT (ug/L)	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	SW-9	SW-10	SW-10D	SW-11	SW-12
Aluminum	21.0	72.6 J	ND	136	64.0	62.1	29.1	ND	67.8	38.5	ND	ND	ND	ND
Antimony	24.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	2.0	26.0	28.4	8.3	15.4	14.8	14.2	15.5	14.1	11.1	17.5	17.5	21.3	ND
Beryllium	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	69.0	27800	48600 J	4450	16700	15600	15000	22900	11800	16200	23100	23200	22400	ND
Chromium	5.0	ND	ND	ND	ND	ND	5.0	ND	ND	ND	ND	ND	ND	ND
Cobalt	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.1
Iron	31.0	434	4040 J	140	240	177	88.4	ND	140	254	160	166	372	ND
Lead	1.0	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3
Magnesium	47.0	4460	4760	1420	2950	2790	2760	6780	2720	2770	3880	3950	4480	ND
Manganese	5.0	271 J	998 J	33.9	77.4	53.2	31.9	11.0	10.1	48.1	55.6	61.2	45.6	ND
Mercury	0.1	1.8	ND	ND	ND	ND	ND	ND	ND	0.2	ND	ND	ND	ND
Nickel	5.0	ND	ND	ND	ND	ND	ND	ND	ND	5.0	ND	ND	ND	ND
Potassium	92.0	2240	6260 J	468	1330	1270	1240	1460	1390	1300	3430	3420	4560	ND
Selenium	1.0	ND	ND	ND UJ	ND	ND	ND	ND UJ	ND UJ	ND	ND UJ	ND UJ	ND UJ	ND
Silver	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	1480	45900 J	8470	5730	27900	25980	22000	6730	8820	7000	16900	17100	18900	ND
Thallium	2.0	ND UJ	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Vanadium	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	2.0	19.4 J	13.0 J	26.4 J	23.6 J	16.6 J	10.6 J	5.0 J	15.1 J	8.4 J	2.8 J	2.8 J	5.7 J	20.1 J

ND NOT DETECTED
NA NOT ANALYZED
U THIS ANALYTE SHOULD BE CONSIDERED "NOT DETECTED" SINCE IT WAS DETECTED IN A BLANK AT A SIMILAR CONCENTRATION LEVEL.
UJ THIS CONSTITUENT WAS ANALYZED BUT WAS NOT DETECTED. THE SAMPLE QUANTITATION LIMIT IS AN ESTIMATED QUANTITY.
J THE QUANTITATION LIMIT IS APPROXIMATE DUE TO LIMITATIONS IDENTIFIED DURING THE QUALITY ASSURANCE REVIEW (DATA VALIDATION).
* UNRELIABLE RESULT - ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

MGI GROUNDWATER DATA

Environmental Standards, Inc.
Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 (215) 935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - GROUNDWATER SAMPLES

VOLUME I

August 29, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, MA 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

SALEM ACRES RI/FS GROUNDWATER SAMPLING RESULTS JANUARY 1989	QUANTITATION LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-3BR	MW-4BR	MW-4BRD	MW-5BR	MW-6BR	MW-7	MW-7BR
Chloromethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	25.0	ND	ND	25 U	ND	25 U	25 U	ND	25 U	25 U	25 U
Acetone	25.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND UJ	ND	ND	ND UJ	ND UJ	ND	ND	ND
Chloroform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	3.1 J	ND	1.7 J	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5.0	ND UJ	ND UJ	ND	ND UJ	ND UJ	ND UJ	ND	ND	ND	ND
Bromoform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	72.0	69.0	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	7.1	8.9	ND	78.0	57.0	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total xylenes	5.0	ND	6.2	6.3	ND	22.0	21.0	ND	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLING RESULTS JANUARY 1989	QUANTITATION LIMIT (ug/L)	MW-2BR	MW-2BRD	MW-4BR	MW-4BRD
Phenol	10	ND	ND	ND	ND
bis(2-Chloroethyl)ether	10	ND	ND	ND	ND
2-Chlorophenol	10	ND	ND	ND	ND
1,3-Dichlorobenzene	10	ND	ND	ND	ND
1,4-Dichlorobenzene	10	ND	ND	4.0 J	4.0 J
Benzyl alcohol	10	ND	ND	ND	ND
1,2-Dichlorobenzene	10	ND	ND	9.0 J	11.0 J
2-Methylphenol	10	ND	ND	ND	ND
bis(2-Chloroisopropyl)ether	10	ND	ND	ND	ND
4-Methylphenol	10	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	10	ND	ND	ND	ND
Hexachloroethane	10	ND	ND	ND	ND
Nitrobenzene	10	ND	ND	ND	ND
Isophorone	10	ND	ND	ND	ND
2-Nitrophenol	10	ND	ND	ND	ND
2,4-Dimethylphenol	10	ND	ND	4.0 J	3.0 J
Benzoic Acid	50	ND	ND	ND	ND
Bis (2-Chloroethoxy) methane	10	ND	ND	ND	ND
2,4-Dichlorophenol	10	ND	ND	ND	ND
1,2,4-Trichlorobenzene	10	ND	ND	ND	ND
Naphthalene	10	ND	ND	26.0	30.0
4-Chloroaniline	10	ND	ND	ND	ND
Hexachlorobutadiene	10	ND	ND	ND	ND
4-Chloro-3-methylphenol	10	ND	ND	ND	ND
2-Methylnaphthalene	10	15.0	17.0	ND	ND
Hexachlorocyclopentadiene	10	ND	ND	ND	ND
2,4,6-Trichlorophenol	10	ND	ND	ND	ND
2,4,5-Trichlorophenol	50	ND	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND	ND
2-Nitroaniline	50	ND	ND	ND	ND
Dimethyl phthalate	10	ND	ND	10 U	10 U
Acenaphthylene	10	ND	ND	ND	ND
2,6-Dinitrotoluene	10	ND	ND	ND	ND
3-Nitroaniline	50	ND	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	2.0	2.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified during the quality control review (data validation).
- U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UI This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLING RESULTS JANUARY 1989	QUANTITATION LIMIT (ug/L)	MW-2BR	MW-2BRD	MW-4BR	MW-4BRD
Acenaphthene	10	ND	ND	ND	ND
2,4-Dinitrophenol	50	ND	ND	ND	ND
4-Nitrophenol	50	ND	ND	ND	ND
Dibenzofuran	10	ND	ND	ND	ND
2,4-Dinitrotoluene	10	ND	ND	ND	ND
Diethyl phthalate	10	ND	ND	10 U	10 U
4 Chlorophenyl phenyl ether	10	ND	ND	ND	ND
Fluorene	10	ND	ND	ND	ND
4-Nitroaniline	50	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	50	ND	ND	ND	ND
N-Nitrosodiphenylamine	10	ND	ND	ND	ND
4-Bromophenyl phenyl ether	10	ND	ND	ND	ND
Hexachlorobenzene	10	ND	ND	ND	ND
Pentachlorophenol	50	ND	ND	ND	ND
Phenanthrene	10	ND	ND	ND	ND
Anthracene	10	ND	ND	ND	ND
Di-n-butyl phthalate	10	ND	ND	10 U	10 U
Fluoranthene	10	ND	ND	ND	ND
Pyrene	10	ND	ND	ND	ND
Butyl benzyl phthalate	10	ND	ND	ND	ND
3,3-Dichlorobenzidine	20	ND	ND	ND	ND
Benzo(a)anthracene	10	ND	ND	ND	ND
Chrysene	10	ND	ND	ND	ND
bis(2-ethylhexyl)phthalate	10	ND	ND	10 U	10 U
Di-n-octyl phthalate	10	ND	ND	ND	ND
Benzo (b) fluoranthene	10	ND	ND	ND	ND
Benzo (k) fluoranthene	10	ND	ND	ND	ND
Benzo (a) pyrene	10	ND	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	10	ND	ND	ND	ND
Dibenzo(a,h)anthracene	10	ND	ND	ND	ND
Benzo(g,h,i)perylene	10	ND	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	2.0	2.0

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered 'not detected' since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALER ACRES RI/FS GROUNDWATER SAMPLING RESULTS JANUARY 1989	QUANTITATION LIMIT (ug/L)	MW-28R	MW-28RD	MW-48R	MW-48RD
alpha-BHC	0.05	ND	ND	ND	ND
beta-BHC	0.05	ND	ND	ND	ND
delta-BHC	0.05	ND	ND	ND	ND
gamma-BHC	0.05	ND	ND	ND	ND
Heptachlor	0.05	ND	ND	ND	ND
Aldrin	0.05	ND	ND	ND	ND
Heptachlor epoxide	0.05	ND	ND	ND	ND
Endosulfan I	0.05	ND	ND	ND	ND
Dieldrin	0.10	ND	ND	ND	ND
4,4'-DDE	0.10	ND	ND	ND	ND
Endrin	0.10	ND	ND	ND	ND
Endosulfan II	0.10	ND	ND	ND	ND
4,4'-DDD	0.10	ND	ND	ND	ND
Endosulfan sulfate	0.10	ND	ND	ND	ND
4,4'-DDT	0.10	ND	ND	ND	ND
Endrin ketone	0.10	ND	ND	ND	ND
Methoxychlor	0.05	ND	ND	ND	ND
Chlordane	0.05	ND	ND	ND	ND
Toxaphene	1.0	ND	ND	ND	ND
Aroclor-1016	0.05	ND	ND	ND	ND
Aroclor-1221	0.05	ND	ND	ND	ND
Aroclor-1232	0.05	ND	ND	ND	ND
Aroclor-1242	0.05	ND	ND	ND	ND
Aroclor-1248	0.05	ND	ND	ND	ND
Aroclor-1254	1.0	ND	ND	ND	ND
Aroclor-1260	1.0	ND	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	1.0	1.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified during the quality control review (data validation).
- B This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

VOLATILES

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS MAY, 1989	QUANTITATION LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-3BR	MW-4	MW-4D	MW-4BR	MW-4BRD	MW-5BR	MW-6BR	MW-7	MW-7BR
romethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
omethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
.l chloride	10.0	ND	1.8 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
roethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ylene chloride	25.0	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	64.0 U	63.0 U	25.0 U	25.0 U	25.0 U	25.0 U
tone	25.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
on disulfide	5.0	ND	ND	ND	ND	22.0	11 U	5.0 U	ND	5.0 U	ND	ND	ND
-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
s-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
roform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	ND
-Dichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
.1-Trichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
on tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
.l acetate	10.0	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND	ND
odichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
s-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethene	5.0	ND	1.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
omochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
.2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ne	5.0	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	ND
,-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
loroethyl vinyl ether	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
oform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
thyl-2-pentanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
xanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
.2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
achloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ene	5.0	ND	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
robenzene	5.0	ND	61.0	73.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
lbenzene	5.0	ND	8.0	9.0	ND	34.0	33.0	36.0	34.0	ND	ND	ND	ND
ene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
l xylenes	5.0	ND	8.6	9.5	ND	ND	ND	8.4	7.6	ND	ND	ND	ND
titation limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified during the quality control review (data validation).
- U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UJ This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

ALEN ACRES RI/FS GROUNDWATER SAMPLE RESULTS APRIL and MAY, 1989	QUANTITATION LIMIT (ug/L)	MW-2BR	MW-2BRD	MW-4	MW-4D	MW-4BR	MW-4BRD
nol	10.0	ND	ND	ND	ND	ND	ND
(Chloroethyl) ether	10.0	ND	ND	ND	ND	ND	ND
lorophenol	10.0	ND	ND	ND	ND	ND	ND
.-Dichlorobenzene	10.0	2.0 J	3.0 J	ND	ND	ND	ND
-Dichlorobenzene	10.0	7.0 J	8.0 J	ND	ND	ND	ND
zyl alcohol	10.0	ND	ND	ND	ND	ND	ND
-Dichlorobenzene	10.0	ND	ND	ND	ND	ND	3.1 J
ethylphenol	10.0	ND	ND	ND	ND	ND	ND
(Chloroisopropal) ether	10.0	ND	ND	ND	ND	ND	ND
ethylphenol	10.0	ND	ND	ND	ND	ND	ND
itro-di-n-propylamine	10.0	ND	ND	ND	ND	ND	ND
achloroethane	10.0	ND	ND	ND	ND	ND	ND
obenzene	10.0	ND	ND	ND	ND	ND	ND
phorone	10.0	ND	ND	ND	ND	ND	ND
itrophenol	10.0	ND	ND	ND	ND	ND	ND
-Dimethylphenol	10.0	ND	ND	ND	ND	ND	ND
zoic acid	50.0	64.0 J	42.0 J	ND	ND	ND	ND
(Chloroethoxy)methane	10.0	ND	ND	ND	ND	ND	ND
-Dichlorophenol	10.0	ND	ND	ND	ND	ND	ND
,4-Trichlorobenzene	10.0	ND	ND	ND	ND	ND	ND
lene	10.0	ND	ND	ND	ND	ND	ND
oroaniline	10.0	ND	ND	ND	ND	ND	ND
achlorobutadiene	10.0	ND	ND	ND	ND	ND	ND
hloro-3-methylphenol	10.0	ND	ND	ND	ND	ND	ND
ethylnapthalene	10.0	13.0	13.0	ND	ND	ND	ND
achlorocyclopentadiene	10.0	ND	ND	ND	ND	ND	ND
,5-Trichlorophenol	10.0	ND	ND	ND	ND	ND	ND
,5-Trichlorophenol	50.0	ND	ND	ND	ND	ND	ND
hloronapthalene	10.0	ND	ND	ND	ND	ND	ND
itroaniline	50.0	ND	ND	ND	ND	ND	ND
ethyl phthalate	10.0	ND	ND	ND	ND	ND	ND
enaphthylene	10.0	ND	ND	ND	ND	ND	ND
-Dinitrotoluene	10.0	ND	ND	ND	ND	ND	ND
itroaniline	50.0	ND	ND	ND	ND	ND	ND
antitation Limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified *during the quality control review (data validation).*
- U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

GROUNDWATER SAMPLE RESULTS
APRIL and MAY, 1989

	QUANTITATION LIMIT (ug/L)	MW-2BR	MW-2BRD	MW-4	MW-4B	MW-4BR	MW-4BRD
nthene	10.0	ND	ND	ND	ND	ND	ND
.nitrophenol	50.0	ND	ND	ND	ND	ND	ND
ophenol	50.0	ND	ND	ND	ND	ND	ND
ofuran	10.0	ND	ND	ND	ND	ND	ND
itrotoluene	10.0	ND	ND	ND	ND	ND	ND
phthalate	10.0	ND	ND	ND	ND	ND	ND
ophenol phenol ether	10.0	ND	ND	ND	ND	ND	ND
ne	10.0	ND	ND	ND	ND	ND	ND
oaniline	50.0	ND	ND	ND	ND	ND	ND
.nitro-2-methylphenol	50.0	ND	ND	ND	ND	ND	ND
ssodiphenylamine	10.0	ND	ND	ND	ND	ND	ND
ophenyl phenyl ether	10.0	ND	ND	ND	ND	ND	ND
lorobenzene	10.0	ND	ND	ND	ND	ND	ND
hlorophenol	50.0	ND	ND	ND	ND	ND	ND
threne	10.0	ND	ND	ND	ND	ND	ND
cene	10.0	ND	ND	ND	ND	ND	ND
utyl phthalate	10.0	ND	ND	ND	ND	ND	ND
nthene	10.0	ND	ND	ND	ND	ND	ND
	10.0	ND	ND	ND	ND	ND	ND
benzyl phthalate	10.0	ND	ND	ND	ND	ND	ND
ichlorobenzidine	20.0	ND	ND	ND	ND	ND UJ	ND UJ
a)anthracene	10.0	ND	ND	ND	ND	ND	ND
ne	10.0	ND	ND	ND	ND	ND	ND
Ethylhexyl)phthalate	10.0	ND	ND	ND	ND	ND	ND
ctyl phthalate	10.0	ND	ND	ND	ND	ND	ND
(b) Fluoranthene	10.0	ND	ND	ND	ND	ND	ND
(k) Fluoranthene	10.0	ND	ND	ND	ND	ND	ND
(a) pyrene	10.0	ND	ND	ND	ND	ND	ND
(1,2,3-c,d) pyrene	10.0	ND	ND	ND	ND	ND	ND
o (a,h) anthracene	10.0	ND	ND	ND	ND	ND	ND
(g,h,i) perylene	10.0	ND	ND	ND	ND	ND	ND
tation Limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified during the quality control review (data validation).
- U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS APRIL and MAY, 1989	QUANTITATION LIMIT (ug/L)	MW-2BR APRIL	MW-2BRD APRIL	MW-4	MW-4D	MW-4BR	MW-4BRD
pha-BHC	0.050	ND	ND	ND *	ND *	ND	ND
ta-BHC	0.050	ND	ND	ND *	ND *	ND	ND
lta-BHC	0.050	ND	ND	ND *	ND *	ND	ND
mma-BHC	0.050	ND	ND	ND *	ND *	ND	ND
ptachlor	0.050	ND	ND	ND *	ND *	ND	ND
drin	0.050	ND	ND	ND *	ND *	ND	ND
ptachlor epoxide	0.050	ND	ND	ND *	ND *	ND	ND
dosulfan I	0.050	ND	ND	ND *	ND *	ND	ND
eldrin	0.100	ND	ND	ND *	ND *	ND	ND
4'-DDE	0.100	ND	ND	ND *	ND *	ND	ND
drin	0.100	ND	ND	ND *	ND *	ND	ND
dosulfan II	0.100	ND	ND	ND *	ND *	ND	ND
4'-DDD	0.100	ND	ND	ND *	ND *	ND	ND
dosulfan sulfate	0.100	ND	ND	ND *	ND *	ND	ND
4'-DDT	0.100	ND	ND	ND *	ND *	ND	ND
drin ketone	0.100	ND	ND	ND *	ND *	ND	ND
thoxychlor	0.500	ND	ND	ND *	ND *	ND	ND
lordane	0.500	ND	ND	ND	ND	ND	ND
xaphene	1.000	ND	ND	ND	ND	ND	ND
oclor-1016	0.500	ND	ND	ND	ND	ND	ND
oclor-1221	0.500	ND	ND	ND	ND	ND	ND
oclor-1232	0.500	ND	ND	ND	ND	ND	ND
r-1242	0.500	ND	ND	ND	ND	ND	ND
r-1248	0.500	ND	ND	ND	ND	ND	ND
oclor-1254	1.000	ND	ND	ND	ND	ND	ND
oclor-1260	1.000	ND	ND	ND	ND	ND	ND
antitation Limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified *during the quality control review (data validation).*
- U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS AUGUST, 1989	QUANTITATION LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-3BR	MW-4	MW-4BR	MW-4BRD	MW-5BR	MW-6BR	MW-7	MW-7BR
oromethane	10.0	ND	ND UJ	ND UJ	36.0	ND	ND	ND	ND UJ	ND	ND	ND
omomethane	10.0	ND	ND	ND	1.4 J	ND	ND	ND	ND UJ	ND	ND	ND
yl chloride	10.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
oroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
hylene chloride	25.0	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U
one	25.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
bon disulfide	5.0	ND	ND	ND	ND	ND	1.5 J	ND	ND UJ	ND	ND	ND
-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
ns-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
oroform	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
-Dichoroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
utanone	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND *	ND *
1-Trichoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
bon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
yl acetate	10.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
modichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
ns-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
chloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
omochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
zene	5.0	ND	2.0 J	1.1 J	ND	ND	ND	ND	ND UJ	ND	ND	ND
3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
roethyl vinyl ether	5.0	ND	ND	ND	ND *	ND	ND	ND	ND UJ	ND	ND *	ND *
moform	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
ethyl-2-pentanone	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
exanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
rachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
uene	5.0	ND	1.3 J	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
orobenzene	5.0	4.4 J	67.0	63.0	ND	6.0	ND	ND	ND UJ	ND	ND	ND
ylbenzene	5.0	ND	5.8	ND	ND	6.4	38.0	46.0	ND UJ	ND	ND	ND
rene	5.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
al xylenes	5.0	ND	10.0	9.2	ND	ND	4.9 J	4.8 J	ND UJ	ND	ND	ND
ntitation Limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS AUGUST, 1989	QUANTITATION LIMIT (ug/L)	MW-28R	MW-28RD	MW-4	MW-48R	MW-48D
[illegible]	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]hloroethyl)ether	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]orophenol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]ichlorobenzene	10.0	2.4 J	2.5 J	ND UJ	ND UJ	ND UJ
[illegible]ichlorobenzene	10.0	7.5 J	8.5 J	ND UJ	ND UJ	ND UJ
[illegible]l alcohol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]ichlorobenzene	10.0	ND UJ	ND UJ	ND UJ	5.1 J	4.4 J
[illegible]thylphenol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]hloroisopropal)ether	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]thylphenol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]ro-di-n-propylamine	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]hloroethane	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]benzene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]rone	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]trophenol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]methylphenol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]ic acid	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]hloroethoxy)methane	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]ichlorophenol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]-Trichlorobenzene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]thalene	10.0	ND UJ	ND UJ	ND UJ	2.9 J	2.3 J
[illegible]troaniline	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]lorobutadiene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]oro-3-methylphenol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]thylnapthalene	10.0	14.0 J	17.0 J	ND UJ	ND UJ	ND UJ
[illegible]hlorocyclopentadiene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]-Trichlorophenol	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]-Trichlorophenol	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]loronapthalene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]troaniline	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]thyl phthalate	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]phthylene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]initrotoluene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]troaniline	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
[illegible]tation Limit Multiplier		1.0	1.0	1.0	1.0	1.0

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEN ACRES RI/FS GROUNDWATER SAMPLE RESULTS AUGUST, 1989	QUANTITATION LIMIT (ug/L)	MW-28R	MW-28RD	MW-4	MW-4BR	MW-4BD
ithene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
nitrophenol	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
ophenol	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
ofuran	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
nitrotoluene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
l phthalate	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
rophenol phenol ether	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
ne	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
oaniline	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
nitro-2-methylphenol	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
ssodiphenylamine	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
ophenyl phenyl ether	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
lorobenzene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
hlorophenol	50.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
threne	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
cene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
utyl phthalate	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
thene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
benzyl phthalate	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
ichlorobenzidine	20.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
alanthracene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
ne	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Ethylhexyl)phthalate	10.0	ND UJ	ND UJ	ND UJ	2.0 *	ND UJ
tyl phthalate	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
(b) Fluoranthene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
(k) Fluoranthene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
e) pyrene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
(1,2,3-c,d) pyrene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
o (a,h) anthracene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
(g,h,i) perylene	10.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
tation Limit Multiplier		1.0	1.0	1.0	1.0	1.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified during the quality control review (data validation).
- U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS AUGUST, 1989	QUANTITATION LIMIT (ug/L)	MW-28R	MW-28RD	MW-4	MW-48R	MW-48RD
-BHC	0.050	ND	ND	ND	ND	ND
BHC	0.050	ND	ND	ND	ND	ND
-BHC	0.050	ND	ND	ND	ND	ND
-BHC	0.050	ND	ND	ND	ND	ND
hlor	0.050	ND	ND	ND	ND	ND
n	0.050	ND	ND	ND	ND	ND
hlor epoxide	0.050	ND	ND	ND	ND	ND
lfan I	0.050	ND	ND	ND	ND	ND
in	0.10	ND	ND	ND	ND	ND
DE	0.10	ND	ND	ND	ND	ND
n	0.10	ND	ND	ND	ND	ND
lfan II	0.10	ND	ND	ND	ND	ND
DD	0.10	ND	ND	ND	ND	ND
lfan sulfate	0.10	ND	ND	ND	ND	ND
DT	0.10	ND	ND	ND	ND	ND
n ketone	0.10	ND	ND	ND	ND	ND
ychlor	0.50	ND	ND	ND	ND	ND
dane	0.50	ND	ND	ND	ND	ND
hene	1.0	ND	ND	ND	ND	ND
or-1016	0.50	ND	ND	ND	ND	ND
or-1221	0.50	ND	ND	ND	ND	ND
or-1232	0.50	ND	ND	ND	ND	ND
r-1242	0.50	ND	ND	ND	ND	ND
-1248	0.50	ND	ND	ND	ND	ND
or-1254	1.0	ND	ND	ND	ND	ND
or-1260	1.0	ND	ND	ND	ND	ND
tation Limit Multiplier		1.0	1.0	1.0	1.0	1.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified during the quality control review (data validation).
- U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS AUGUST, 1989	QUANTITATION LIMIT (ug/L)	MW-2BR	MW-2BRD	MW-4	MW-4BR	MW-4BRD
-BHC	0.050	ND	ND	ND	ND	ND
BHC	0.050	ND	ND	ND	ND	ND
-BHC	0.050	ND	ND	ND	ND	ND
-BHC	0.050	ND	ND	ND	ND	ND
hlor	0.050	ND	ND	ND	ND	ND
	0.050	ND	ND	ND	ND	ND
chlor epoxide	0.050	ND	ND	ND	ND	ND
lfan I	0.050	ND	ND	ND	ND	ND
in	0.10	ND	ND	ND	ND	ND
DE	0.10	ND	ND	ND	ND	ND
n	0.10	ND	ND	ND	ND	ND
lfan II	0.10	ND	ND	ND	ND	ND
DD	0.10	ND	ND	ND	ND	ND
lfan sulfate	0.10	ND	ND	ND	ND	ND
DT	0.10	ND	ND	ND	ND	ND
ketone	0.10	ND	ND	ND	ND	ND
ychlor	0.50	ND	ND	ND	ND	ND
dane	0.50	ND	ND	ND	ND	ND
ene	1.0	ND	ND	ND	ND	ND
r-1016	0.50	ND	ND	ND	ND	ND
r-1221	0.50	ND	ND	ND	ND	ND
r-1232	0.50	ND	ND	ND	ND	ND
r-1242	0.50	ND	ND	ND	ND	ND
-1248	0.50	ND	ND	ND	ND	ND
r-1254	1.0	ND	ND	ND	ND	ND
r-1260	1.0	ND	ND	ND	ND	ND
tation Limit Multiplier		1.0	1.0	1.0	1.0	1.0

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS
GROUNDWATER SAMPLE RESULTS
OCTOBER 1989

	QUANTITATION LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-3BR	MW-4	MW-4BR	MW-4BRD	MW-5BR	MW-6BR	MW-7	MW-7BR
Chloromethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND UJ	ND	ND	ND
Vinyl chloride	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	25.0	25 U	25 U	25 U	UJ	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Acetone	25.0	ND	ND	ND	ND	18.0 J	ND	ND	ND	ND	ND	ND
Carbon disulfide	5.0	ND	ND	ND	ND	7.6	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	10.0	ND *	ND *	ND *	ND	ND	ND	ND	ND	ND *	ND *	ND *
1,1,1-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	5.0	ND	ND	ND	ND	ND	ND	ND	ND *	ND	ND	ND
Bromoform	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	10.0	ND	ND	ND	ND	10 U	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	5.0 U	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	61	65	ND	12	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	3.9 J	5.2	ND	7.9	26	24	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total xylenes	5.0	ND	5.8 J	6	ND	5.0 U	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the *quality control review (data validation)*.

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* *Unreliable result - Analyte may or may not be present in this sample.*

UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS OCTOBER 1989	QUANTITATION LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-4	MW-4BR	MW-4BRD	MW-5BR
enol	10.0	ND	ND	ND	ND	ND	ND	ND
(Chloroethyl) ether	10.0	ND	ND	ND	ND	ND	ND	ND
Chlorophenol	10.0	ND	ND	ND	ND	ND	ND	ND
-Dichlorobenzene	10.0	ND	ND	2.9 J	ND	ND	ND	ND
Dichlorobenzene	10.0	ND	ND	ND	ND	ND	ND	ND
yl alcohol	10.0	ND	ND	ND	ND	ND	ND	ND
-Dichlorobenzene	10.0	ND	ND	ND	ND	5.1 J	5.3 J	3.9 J
ethylphenol	10.0	ND	ND	ND	ND	ND	ND	ND
(Chloroisopropal) ether	10.0	ND	ND	ND	ND	ND	ND	ND
ethylphenol	10.0	ND	ND	ND	18	ND	ND	ND
itro-di-n-propylamine	10.0	ND	ND	ND	ND	ND	ND	ND
achloroethane	10.0	ND	ND	ND	ND	ND	ND	ND
robenzene	*10.0*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
phorone	10.0	ND	ND	ND	ND	ND	ND	ND
itrophenol	10.0	ND	ND	ND	ND	ND	ND	ND
-Dimethylphenol	10.0	ND	ND	ND	ND	ND	ND	ND
zoic acid	50.0	ND	ND	ND	ND	ND	ND	ND
(Chloroethoxy)methane	10.0	ND	ND	ND	ND	ND	ND	ND
-Dichlorophenol	10.0	ND	ND	ND	ND	ND	ND	ND
,4-Trichlorobenzene	10.0	ND	ND	ND	ND	ND	ND	ND
thalene	10.0	ND	ND	ND	ND	4.5 J	4.7 J	ND
hloroaniline	10.0	ND	ND	ND	ND	ND	ND	ND
achlorobutadiene	10.0	ND	ND	ND	ND	ND	ND	ND
hloro-3-methylphenol	10.0	ND	6.1 J	4.2 J	ND	ND	ND	ND
ethylnapthalene	10.0	ND	15.0 J	13.0	ND	ND	ND	ND
achlorocyclopentadiene	10.0	ND	ND	ND	ND	ND	ND	ND
4,6-Trichlorophenol	10.0	ND	ND	ND	ND	ND	ND	ND
4,5-Trichlorophenol	50.0	ND	ND	ND	ND	ND	ND	ND
hloronapthalene	10.0	ND	ND	ND	ND	ND	ND	ND
itroaniline	50.0	ND	ND	ND	ND	ND	ND	ND
ethyl phthalate	10.0	ND	ND	ND	ND	ND	ND	ND
enaphthylene	10.0	ND	ND	ND	ND	ND	ND	ND
6-Dinitrotoluene	10.0	ND	ND	ND	ND	ND	ND	ND
itroaniline	50.0	ND	ND	ND	ND	ND	ND	ND
antitation Limit Multiplier		2.0	2.0	2.0	1.0	1.0	1.0	1.0

NOTES:

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UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS OCTOBER 1989	QUANTITATION LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-4	MW-4BR	MW-4BRD	MW-5BR
Acenaphthene	10.0	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	50.0	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	50.0	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	10.0	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	10.0	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	10.0	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenol phenol ether	10.0	ND	ND	ND	ND	ND	ND	ND
Fluorene	10.0	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	50.0	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	50.0	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	10.0	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	10.0	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	10.0	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	50.0	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	10.0	ND	ND	ND	ND	ND	ND	ND
Anthracene	10.0	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	10.0	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	10.0	ND	ND	ND	ND	ND	ND	ND
Pyrene	10.0	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate	10.0	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	20.0	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	10.0	ND	ND	ND	ND	ND	ND	ND
Chrysene	10.0	ND	ND	ND	ND	ND	ND	ND
bis(2-ethylhexyl)phthalate	10.0	ND	ND	ND	ND	ND	ND	ND
Di-n-octyl phthalate	10.0	ND	ND	ND	ND	ND	ND	ND
Benzo (b) Fluoranthene	10.0	ND	ND	ND	ND	ND	ND	ND
Benzo (k) Fluoranthene	10.0	ND	ND	ND	ND	ND	ND	ND
Benzo (a) pyrene	10.0	ND	ND	ND	ND	ND	ND	ND
Indeno (1,2,3-c,d) pyrene	10.0	ND	ND	ND	ND	ND	ND	ND
Dibenzo (a,h) anthracene	10.0	ND	ND	ND	ND	ND	ND	ND
Benzo (g,h,i) perylene	10.0	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	1.0	1.0	1.0	1.0	1.0

NOTES:

- ND Compound was not detected.
- J Quantitation is approximate due to limitations identified during the quality control review (data validation).
- U This result should be considered "not detected" since this compound was detected in a blank at a similar level.
- * Unreliable result - Analyte may or may not be present in this sample.
- UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS OCTOBER 1989	QUANTITATION LIMIT (ug/L)	MW-2BR	MW-2BRD	MW-4	MW-4BR	MW-4BRD
alpha-BHC	0.05	ND	ND	ND	ND	ND
beta-BHC	0.05	ND	ND	ND	ND	ND
delta-BHC	0.05	ND	ND	ND	ND	ND
gamma-BHC	0.05	ND	ND	ND	ND	ND
Heptachlor	0.05	ND	ND	ND	ND	ND
Aldrin	0.05	ND	ND	ND	ND	ND
Heptachlor epoxide	0.05	ND	ND	ND	ND	ND
Endosulfan I	0.05	ND	ND	0.08	ND	ND
Dieldrin	0.10	ND	ND	ND	ND	ND
4,4'-DDE	0.10	ND	ND	ND	ND	ND
Endrin	0.10	ND	ND	ND	ND	ND
Endosulfan II	0.10	ND	ND	ND	ND	ND
4,4'-DDD	0.10	ND	ND	ND	ND	ND
Endosulfan sulfate	0.10	ND	ND	ND	ND	ND
4,4'-DDT	0.10	ND	ND	ND	ND	ND
Endrin ketone	0.10	ND	ND	ND	ND	ND
Methoxychlor	0.05	ND	ND	ND	ND	ND
Chlordane	0.05	ND	ND	ND	ND	ND
Toxaphene	1.0	ND	ND	ND	ND	ND
Aroclor-1016	0.05	ND	ND	ND	ND	ND
Aroclor-1221	0.05	ND	ND	ND	ND	ND
Aroclor-1232	0.05	ND	ND	ND	ND	ND
Aroclor-1242	0.05	ND	ND	ND	ND	ND
Aroclor-1248	0.05	ND	ND	ND	ND	ND
Aroclor-1254	1.0	ND	ND	ND	ND	ND
Aroclor-1260	1.0	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	1.0	1.0	1.0

NOTES:

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U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UL This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

B. VOLATILE TICs

NAME: Maguire/34 (R)P: (2/8) 13

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-1BR
Laboratory ID: 2357-03
Matrix: Aqueous Sampled: 01/16/89 Received: 01/17/89
Authorized: 01/17/89 Prepared: 01/21/89 Analyzed: 01/21/89

Parameter	Scan No.	Estimated concentration	Units
Unknown	298	12	µg/L

DRAFT

Reported by KH Approved by WHC

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-2BR
Laboratory ID: 2337-01
Matrix: Aqueous Sampled: 01/13/89 Received: 01/14/89
Authorized: 01/16/89 Prepared: 01/21/89 Analyzed: 01/21/89

Parameter	Scan No.	Estimated concentration	Units
Pentalene, octahydro-2-methyl-	630	11	µg/L

Reported by CL Approved by LHC

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-2BRD
Laboratory ID: 2337-02
Matrix: Aqueous Sampled: 01/13/89 Received: 01/14/89
Authorized: 01/16/89 Prepared: 01/20/89 Analyzed: 01/20/89

Parameter	Scan No.	Estimated concentration	Units
None detected			

Reported by Ci Approved by UHC

NAME: Maguire/34 (R)P: (2/8) 15

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-3BR
Laboratory ID: 2357-04
Matrix: Aqueous Sampled: 01/17/89 Received: 01/17/89
Authorized: 01/17/89 Prepared: 01/21/89 Analyzed: 01/21/89

Parameter	Scan No.	Estimated concentration	Units
None detected			

DRAFT

Reported by KH Approved by WH

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.

Client ID: MW-4BR

Laboratory ID: 2311-03 Sampled: 01/12/89 Received: 01/13/89

Matrix: Aqueous Prepared: 01/18/89 Analyzed: 01/18/89

Authorized: 01/13/89

Parameter	Scan No.	Estimated concentration		Units
~~Pentalene, octahydro~~ unsaturated hydrocarbon	552	7.3	J	µg/L
~~Tricyclo(3.3.1.13,7)decane~~ unsaturated hydrocarbon	640	7.5	J	µg/L
~~Pentalene, octahydro-2-methyl-~~ unsaturated hydrocarbon	679	23	J	µg/L
Unknown	727	9.4	J	µg/L
Benzene, (1-methylethyl)-	766	120	J	µg/L
Unknown	790	12	J	µg/L
Unknown	825	9.1	J	µg/L
Benzene, (1,1-dimethylethyl)-	893	21	J	µg/L

Reported by CJ Approved by [illegible]

NAME: Maguire/32 (R)P: (2/7) 19

Enseco

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4BRD
Laboratory ID: 2311-04
Matrix: Aqueous Sampled: 01/12/89 Received: 01/13/89
Authorized: 01/13/89 Prepared: 01/20/89 Analyzed: 01/20/89

Parameter	Scan No.	Estimated concentration	Units
Unknown	569	5.2	µg/L
Unknown	635	25	µg/L
Unknown	662	6.3	µg/L
Benzene, (1-methylethyl)-	689	91	µg/L
Unknown	701	7.5	µg/L

Reported by CF Approved by WHC

EXTNAME: Mag/32 (R)P: (2/7) 13

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-5BR
Laboratory ID: 2337-03
Matrix: Aqueous Sampled: 01/13/89 Received: 01/14/89
Authorized: 01/16/89 Prepared: 01/20/89 Analyzed: 01/20/89

Parameter	Scan No.	Estimated concentration	Units
C_9H_{12} isomer	613	110	µg/L
C_9H_{12} isomer	670	16	µg/L

Reported by CL Approved by WHC

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-6BR
Laboratory ID: 2310-05
Matrix: Aqueous Sampled: 01/11/89 Received: 01/11/89
Authorized: 01/12/89 Prepared: 01/18/89 Analyzed: 01/18/89

Parameter	Scan No.	Estimated concentration	Units
None detected			

Reported by KH Approved by WHC

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-7
Laboratory ID: 2310-01
Matrix: Aqueous Sampled: 01/11/89 Received: 01/11/89
Authorized: 01/12/89 Prepared: 01/18/89 Analyzed: 01/18/89

Parameter	Scan No.	Estimated concentration	Units
None detected			

Reported by KH Approved by WAC

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

SW-846 Method 8240

Client Name: Maguire Group, Inc.
Client ID: OW-7BR
aboratory ID: 2310-03
Matrix: Aqueous Sampled: 01/11/89 Received: 01/11/89
Authorized: 01/12/89 Prepared: 01/18/89 Analyzed: 01/18/89

arameter	Scan No.	Estimated concentration	Units
one detected			

ted by KH Approved by WHC

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-1BR
Lab ID: 003543-0003-SA Enseco ID: 2021687
Matrix: AQUEOUS Sampled: 09 MAR 89 Received: 09 MAY 89
Authorized: 11 MAY 89 Prepared: NA Analyzed: 13 MAY 89

Parameter	Result	Units	Reporting Limit
Unknown	11	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-2BR
Lab ID: 003543-0004-SA Enseco ID: 2021688
Matrix: AQUEOUS Sampled: 09 MAR 89 Received: 09 MAY 89
Authorized: 11 MAY 89 Prepared: NA Analyzed: 13 MAY 89

Parameter	Result	Units	Reporting Limit
C9H16 isomer	6.0	ug/L	NA
Unknown cyclic hydrocarbon	6.0	ug/L	NA
Ethyl methyl benzene isomer	22	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-2BRD
Lab ID: 003543-0005-SA Enseco ID: 2021689
Matrix: AQUEOUS Sampled: 09 MAR 89 Received: 09 MAY 89
Authorized: 11 MAY 89 Prepared: NA Analyzed: 13 MAY 89

Parameter	Result	Units	Reporting Limit
Ethyl methyl benzene isomer	19	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-3BR
Lab ID: 003573-0005-SA
Matrix: AQUEOUS
Authorized: 15 MAY 89
Enseco ID: 2021845
Sampled: 10 MAY 89
Prepared: NA
Received: 11 MAY 89
Analyzed: 16 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston

Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4
Lab ID: 003573-0007-SA Enseco ID: 2021847
Matrix: AQUEOUS Sampled: 11 MAY 89 Received: 11 MAY 89
Authorized: 15 MAY 89 Prepared: NA Analyzed: 16 MAY 89

Parameter	Result		Units	Reporting Limit
Unknown	9.1	J	ug/L	NA
~~Unknown~~ alkyl benzene	6.4	J	ug/L	NA
C9H12 isomer	ND		ug/L	NA
TID Compound 4	ND		ug/L	NA
TID Compound 5	ND		ug/L	NA
TID Compound 6	ND		ug/L	NA
TID Compound 7	ND		ug/L	NA
TID Compound 8	ND		ug/L	NA
TID Compound 9	ND		ug/L	NA
TID Compound 10	ND		ug/L	NA
TID Compound 11	ND		ug/L	NA
TID Compound 12	ND		ug/L	NA
TID Compound 13	ND		ug/L	NA
TID Compound 14	ND		ug/L	NA
TID Compound 15	ND		ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4D
Lab ID: 003573-0008-SA Enseco ID: 2021848
Matrix: AQUEOUS Sampled: 11 MAY 89 Received: 11 MAY 89
Authorized: 15 MAY 89 Prepared: NA Analyzed: 16 MAY 89

Parameter	Result	Units	Reporting Limit
Unknown	8.3	ug/L	NA
Unknown	5.2	ug/L	NA
C9H12 isomer	44	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4BR
Lab ID: 003573-0002-SA Enseco ID: 2021842
Matrix: AQUEOUS Sampled: 10 MAY 89 Received: 11 MAY 89
Authorized: 15 MAY 89 Prepared: NA Analyzed: 16 MAY 89

Parameter	Result	Units	Reporting Limit
C9H18 isomer	17	ug/L	NA
Unknown	11	ug/L	NA
Unknown	7.4	ug/L	NA
C9H12 isomer	50	ug/L	NA
Unknown	8.7	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4BRD
Lab ID: 003573-0003-SA
Matrix: AQUEOUS
Authorized: 15 MAY 89
Enseco ID: 2021843
Sampled: 10 MAY 89
Prepared: NA
Received: 11 MAY 89
Analyzed: 16 MAY 89

Parameter	Result		Units	Reporting Limit
C9H18 isomer - cyclic hydrocarbon	16	J	ug/L	NA
~~Unknown~~ unsaturated hydrocarbon	9.6	J	ug/L	NA
~~Unknown~~ unsaturated hydrocarbon	6.8	J	ug/L	NA
C9H12 isomer - alkyl benzene	47	J	ug/L	NA
~~Unknown~~ unsaturated hydrocarbon	8.7	J	ug/L	NA
TID Compound 6	ND		ug/L	NA
TID Compound 7	ND		ug/L	NA
TID Compound 8	ND		ug/L	NA
TID Compound 9	ND		ug/L	NA
TID Compound 10	ND		ug/L	NA
TID Compound 11	ND		ug/L	NA
TID Compound 12	ND		ug/L	NA
TID Compound 13	ND		ug/L	NA
TID Compound 14	ND		ug/L	NA
TID Compound 15	ND		ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston

Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-5BR
Lab ID: 003573-0006-SA
Matrix: AQUEOUS
Authorized: 15 MAY 89

Enseco ID: 2021846
Sampled: 11 MAY 89
Prepared: NA

Received: 11 MAY 89
Analyzed: 16 MAY 89

Parameter	Result	Units	Reporting Limit
Unknown	11	ug/L	NA
Unknown	5.1	ug/L	NA
Unknown	7.9	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston

Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-6BR
Lab ID: 003573-0004-SA
Matrix: AQUEOUS
Authorized: 15 MAY 89
Enseco ID: 2021844
Sampled: 11 MAY 89
Prepared: NA
Received: 11 MAY 89
Analyzed: 16 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston

Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-7
Lab ID: 003543-0002-SA
Matrix: AQUEOUS
Authorized: 11 MAY 89

Enseco ID: 2021686
Sampled: 09 MAR 89
Prepared: NA

Received: 09 MAY 89
Analyzed: 13 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan

Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-7BR
Lab ID: 003543-0001-SA Enseco ID: 2021685
Matrix: AQUEOUS Sampled: 09 MAR 89 Received: 09 MAY 89
Authorized: 11 MAY 89 Prepared: NA Analyzed: 13 MAY 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-1BR
Lab ID: 004389-0001-SA Enseco ID: 2028317
Matrix: AQUEOUS Sampled: 29 AUG 89 Received: 29 AUG 89
Authorized: 30 AUG 89 Prepared: NA Analyzed: 08 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-2BR
Lab ID: 004408-0001-SA Enseco ID: 2028482
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 11 SEP 89

Parameter	Result	Units	Reporting Limit
Unknown	9.7 J	ug/L	NA
TIC Compound 2	ND	ug/L	NA
TIC Compound 3	ND	ug/L	NA
TIC Compound 4	ND	ug/L	NA
TIC Compound 5	ND	ug/L	NA
TIC Compound 6	ND	ug/L	NA
TIC Compound 7	ND	ug/L	NA
TIC Compound 8	ND	ug/L	NA
TIC Compound 9	ND	ug/L	NA
TIC Compound 10	ND	ug/L	NA

[illegible] Detected
[illegible] Applicable

Reviewed By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-2BRD
Lab ID: 004408-0002-SA Enseco ID: 2028484
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 11 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-3BR
Lab ID: 004389-0002-SA Enseco ID: 2028318
Matrix: AQUEOUS Sampled: 29 AUG 89 Received: 29 AUG 89
Authorized: 30 AUG 89 Prepared: NA Analyzed: 07 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4
Lab ID: 004408-0003-SA Enseco ID: 2028485
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 08 SEP 89

Parameter	Result	Units	Reporting Limit
Unknown	8.6	ug/L	NA
n-Propylbenzene	25	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4BR
Lab ID: 004408-0004-SA Enseco ID: 2028487
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 08 SEP 89

Parameter	Result	Units	Reporting Limit
Unknown	14	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4BRD
Lab ID: 004408-0005-SA Enseco ID: 2028488
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 08 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-5BR
Lab ID: 004408-0006-SA Enseco ID: 2028489
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: NA Analyzed: 11 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-6BR
Lab ID: 004389-0003-SA Enseco ID: 2028319
Matrix: AQUEOUS Sampled: 29 AUG 89 Received: 29 AUG 89
Authorized: 30 AUG 89 Prepared: NA Analyzed: 08 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-7
Lab ID: 004389-0004-SA Enseco ID: 2028320
Matrix: AQUEOUS Sampled: 28 AUG 89 Received: 29 AUG 89
Authorized: 30 AUG 89 Prepared: NA Analyzed: 07 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-7BR
Lab ID: 004389-0005-SA Enseco ID: 2028321
Matrix: AQUEOUS Sampled: 28 AUG 89 Received: 29 AUG 89
Authorized: 30 AUG 89 Prepared: NA Analyzed: 07 SEP 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Marcia Sullivan Approved By: Dan Wielandt

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-1BR
Lab ID: 004751-0005-SA
Matrix: AQUEOUS
Authorized: 18 OCT 89
Enseco ID: 2031356
Sampled: 17 OCT 89
Prepared: NA
Received: 18 OCT 89
Analyzed: 23 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston
Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-2BR
Lab ID: 004751-0008-SA Enseco ID: 2031359
Matrix: AQUEOUS Sampled: 17 OCT 89 Received: 18 OCT 89
Authorized: 18 OCT 89 Prepared: NA Analyzed: 23 OCT 89

Parameter	Result	Units	Reporting Limit
Pentalene, octahydro-2-methyl-	31	ug/L	NA
Unknown	10	ug/L	NA
C9H18 isomer	17	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-2BRD
Lab ID: 004751-0009-SA
Matrix: AQUEOUS
Authorized: 18 OCT 89
Enseco ID: 2031360
Sampled: 17 OCT 89
Prepared: NA
Received: 18 OCT 89
Analyzed: 23 OCT 89

Parameter	Result	Units	Reporting Limit
C9H18 isomer	19	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston

Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-3BR
Lab ID: 004774-0001-SA Enseco ID: 2031506
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: NA Analyzed: 25 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Joyce Lombardo Approved By: Marcia Motta

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4
Lab ID: 004774-0004-SA Enseco ID: 2031509
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: NA Analyzed: 27 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Joyce Lombardo Approved By: Marcia Motta

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4BR
Lab ID: 004774-0002-SA Enseco ID: 2031507
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: NA Analyzed: 26 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Joyce Lombardo Approved By: Marcia Motta

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-4BRD
Lab ID: 004774-0003-SA Enseco ID: 2031508
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: NA Analyzed: 26 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Joyce Lombardo Approved By: Marcia Motta

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-5BR
Lab ID: 004770-0001-SA Enseco ID: 2031491
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: NA Analyzed: 24 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Joyce Lombardo Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-6BR
Lab ID: 004751-0007-SA Enseco ID: 2031358
Matrix: AQUEOUS Sampled: 17 OCT 89 Received: 18 OCT 89
Authorized: 18 OCT 89 Prepared: NA Analyzed: 23 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-7BR
Lab ID: 004751-0002-SA Enseco ID: 2031352
Matrix: AQUEOUS Sampled: 16 OCT 89 Received: 18 OCT 89
Authorized: 18 OCT 89 Prepared: NA Analyzed: 23 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8240

Client Name: Maguire Group, Inc.
Client ID: MW-7
Lab ID: 004751-0001-SA Enseco ID: 2031351
Matrix: AQUEOUS Sampled: 16 OCT 89 Received: 18 OCT 89
Authorized: 18 OCT 89 Prepared: NA Analyzed: 23 OCT 89

Parameter	Result	Units	Reporting Limit
TID Compound 1	ND	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Charlene Livingston Approved By: W. Henry Camp

C. SEMIVOLATILE TICs

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-2BR
Laboratory ID: 2337-01
Matrix: Aqueous Sampled: 01/13/89 Received: 01/14/89
Authorized: 01/16/89 Prepared: 01/17/89 Analyzed: 01/31/89

Compound Name	Fraction	Scan No.	Estimated concentration	Units
Propylbenzene	BNA	560	24	µg/L
Trimethylbenzene isomer	BNA	625	200	µg/L
Trimethylbenzene isomer	BNA	667	25	µg/L
C_9H_{10} isomer	BNA	684	29	µg/L
Diethylbenzene isomer	BNA	711	22	µg/L
Tetramethylbenzene isomer	BNA	799	26	µg/L
Tetramethylbenzene isomer	BNA	805	22	µg/L
$C_{10}H_{12}$ isomer	BNA	840	22	µg/L
Tetramethylbenzene isomer	BNA	845	28	µg/L
$C_9H_{10}O_2$ isomer	BNA	1106	67	µg/L
Dimethylbenzoic acid isomer	BNA	1121	20	µg/L
Trimethylbenzoic acid isomer	BNA	1196	55	µg/L
Unknown	BNA	1245	33	µg/L
Unknown	BNA	1277	45	µg/L
Unknown	BNA	1607	22	µg/L

Reported by _____ Approved by _____

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-2BRD
Laboratory ID: 2337-02
Matrix: Aqueous Sampled: 01/13/89 Received: 01/14/89
Authorized: 01/16/89 Prepared: 01/17/89 Analyzed: 01/31/89

Compound Name	Fraction	Scan No.	Estimated concentration	Units
Propylbenzene	BNA	560	24	µg/L
Trimethylbenzene isomer	BNA	668	26	µg/L
C_9H_{10} isomer	BNA	686	30	µg/L
Tetramethylbenzene isomer	BNA	803	30	µg/L
Tetramethylbenzene isomer	BNA	848	30	µg/L
$C_9H_{10}O_2$ isomer	BNA	1121	98	µg/L
Dimethylbenzoic acid isomer	BNA	1138	39	µg/L
$C_9H_{10}O_2$ isomer	BNA	1174	29	µg/L
Substituted benzene	BNA	1204	86	µg/L
Trimethylbenzoic acid isomer	BNA	1232	30	µg/L
Trimethylbenzoic acid isomer	BNA	1242	32	µg/L
Unknown	BNA	1254	24	µg/L
Unknown	BNA	1289	39	µg/L
$C_{10}H_{12}O_2$ isomer	BNA	1294	23	µg/L
Unknown	BNA	1622	24	µg/L

Reported by _____ Approved by _____

AE: maguire/19 (R)P: (2/17) 09

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4BR
Laboratory ID: 2311-03
Matrix: Aqueous Sampled: 01/12/89 Received: 01/13/89
Authorized: 01/13/89 Prepared: 01/16/89 Analyzed: 02/09/89

Compound Name	Fraction	Scan No.	Estimated concentration		Units
~~C_9H_{20} isomer~~ alkane	BNA	567	39B	B	µg/L
Ethylmethylbenzene isomer	BNA	602	27	J	µg/L
Propylbenzene	BNA	652	47	J	µg/L
Ethylmethylbenzene isomer	BNA	667	31	J	µg/L
Trimethylbenzene isomer	BNA	715	170	J	µg/L
$C_{10}H_{14}$ alkyl benzene isomer	BNA	742	36	J	µg/L
Trimethylbenzene isomer	BNA	758	94	J	µg/L
C_9H_{10} isomer - alkyl benzene	BNA	775	34	J	µg/L
Diethylbenzene isomer	BNA	800	47	J	µg/L
Diethylbenzene isomer	BNA	808	52	J	µg/L
$C_{11}H_{16}$ isomer - alkyl benzene	BNA	877	41	J	µg/L
Tetramethylbenzene isomer	BNA	890	42	J	µg/L
Tetramethylbenzene isomer	BNA	896	46	J	µg/L
$C_{10}H_{12}$ isomer	BNA	948	37		µg/L
Dimethylbenzoic acid isomer & unknown	BNA	1175	42		µg/L

B = Analyte also detected in Erco blank.

Reported by JL Approved by RP

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

EPA Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-48RD
Laboratory ID: 2311-04
Matrix: Aqueous Sampled: 01/12/89 Received: 01/13/89
Authorized: 01/13/89 Prepared: 01/16/89 Analyzed: 02/09/89

Compound Name	Fraction	Scan No.	Estimated concentration	Units
Propylbenzene	BNA	653	21	µg/L
Trimethylbenzene isomer	BNA	717	100	µg/L
Trimethylbenzene isomer	BNA	759	89	µg/L
C_9H_{10} isomer	BNA	777	27	µg/L
Diethylbenzene isomer	BNA	801	36	µg/L
$C_{10}H_{14}$ isomer	BNA	810	41	µg/L
$C_{11}H_{16}$ isomer	BNA	878	40	µg/L
Tetramethylbenzene isomer	BNA	891	42	µg/L
Tetramethylbenzene isomer	BNA	897	41	µg/L
$C_{10}H_{12}$ isomer	BNA	949	39	µg/L
Dimethylbenzoic acid isomer & unknown	BNA	1174	56	µg/L
Dimethylbenzoic acid isomer	BNA	1229	28	µg/L
$C_{10}H_{12}O_2$ isomer	BNA	1271	25	µg/L
Unknown	BNA	1327	30	µg/L
Unknown	BNA	1361	28	µg/L

Reported by JL Approved by PD

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-2BR
Lab ID: 003321-0005-SA Enseco ID: 2020069
Matrix: AQUEOUS Sampled: 18 APR 89 Received: 19 APR 89
Authorized: 21 APR 89 Prepared: 24 MAY 89 Analyzed: 16 MAY 89

Parameter	Result	Units	Reporting Limit
n-Propylbenzene	24	ug/L	NA
C3-benzene isomer	88	ug/L	NA
C3-benzene isomer	36	ug/L	NA
C9H10 isomer	44	ug/L	NA
C4-benzene isomer	28	ug/L	NA
C4-benzene isomer	30	ug/L	NA
C4-benzene isomer	38	ug/L	NA
Unknown	22	ug/L	NA
Unknown	32	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-2BRD
Lab ID: 003321-0006-SA Enseco ID: 2020070
Matrix: AQUEOUS Sampled: 18 APR 89 Received: 19 APR 89
Authorized: 21 APR 89 Prepared: 16 MAY 89 Analyzed: 16 MAY 89

Parameter	Result	Units	Reporting Limit
n-Propylbenzene	16	ug/L	NA
C3-benzene isomer	70	ug/L	NA
C3-benzene isomer	30	ug/L	NA
C9H10 isomer	42	ug/L	NA
C4-benzene isomer	22	ug/L	NA
C4-benzene isomer	20	ug/L	NA
Dihydromethyl-1H-indene isomer	22	ug/L	NA
C4-benzene isomer	34	ug/L	NA
C4-benzene isomer	22	ug/L	NA
C4-benzene isomer	28	ug/L	NA
Unknown	44	ug/L	NA
Unknown	22	ug/L	NA
Unknown	14	ug/L	NA
Unknown	42	ug/L	NA
Dimethylbenzoic acid isomer	44	ug/L	NA
Unknown	16	ug/L	NA
Dimethylnaphthalene isomer	18	ug/L	NA
Unknown oxygen-containing compound	14	ug/L	NA
Unknown	16	ug/L	NA
Unknown	16	ug/L	NA

ND=Not Detected
NA=Not Applicable

Reported By: Marcia Sullivan Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4
Lab ID: 003573-0012-SA Enseco ID: 2021852
Matrix: AQUEOUS Sampled: 11 MAY 89 Received: 11 MAY 89
Authorized: 15 MAY 89 Prepared: NA Analyzed: 01 JUN 89

Parameter	Result		Units	Reporting Limit
Unknown	12		ug/L	NA
Unknown	10		ug/L	NA
Trimethyl benzene isomer	41		ug/L	NA
C9H10 isomer - alkyl benzene	11		ug/L	NA
C4-benzene isomer	10		ug/L	NA
Diethylbenzene isomer	22		ug/L	NA
Diethylbenzene isomer	12		ug/L	NA
Methylpropylbenzene isomer	8.0		ug/L	NA
Tetramethyl benzene isomer	12		ug/L	NA
Unknown	28		ug/L	NA
Dimethylbenzoic acid isomer	17		ug/L	NA
TID Compound 12	ND		ug/L	NA
TID Compound 13	ND		ug/L	NA
TID Compound 14	ND		ug/L	NA
TID Compound 15	ND		ug/L	NA
TID Compound 16	ND		ug/L	NA
TID Compound 17	ND		ug/L	NA
TID Compound 18	ND		ug/L	NA
TID Compound 19	ND		ug/L	NA
TID Compound 20	ND		ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4D
Lab ID: 003573-0011-SA Enseco ID: 2021851
Matrix: AQUEOUS Sampled: 11 MAY 89 Received: 11 MAY 89
Authorized: 15 MAY 89 Prepared: NA Analyzed: 01 JUN 89

Parameter	Result	Units	Reporting Limit
Unknown	9.5	ug/L	NA
Unknown	8.2	ug/L	NA
Trimethyl benzene isomer	20	ug/L	NA
C9H10 isomer	11	ug/L	NA
C4-benzene isomer	8.3	ug/L	NA
Diethylbenzene isomer	27	ug/L	NA
Diethylbenzene isomer	8.6	ug/L	NA
Methylpropylbenzene isomer	11	ug/L	NA
Dihydrodimethyl-1H-indene isomer	9.2	ug/L	NA
C4-benzene isomer	14	ug/L	NA
Tetramethyl benzene isomer	20	ug/L	NA
Dihydromethyl-1H-indene isomer	11	ug/L	NA
Unknown	24	ug/L	NA
Unknown	12	ug/L	NA
Unknown	8.6	ug/L	NA
Dimethylbenzoic acid isomer	14	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Nancy Rothman Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-2BR
Lab ID: 004408-0001-SA Enseco ID: 2028482
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: 07 SEP 89 Analyzed: 15 SEP 89

Parameter	Result		Units	Reporting Limit
C3-Benzene isomer	18	J	ug/L	NA
C3-Benzene isomer	32	J	ug/L	NA
C3-Benzene isomer	17	J	ug/L	NA
C3-Benzene isomer	340	J	ug/L	NA
C3-Benzene isomer	51	J	ug/L	NA
~~Unknown~~ alkyl benzene	12	J	ug/L	NA
1H-Indene, 2,3-dihydro-	46	J	ug/L	NA
C4-benzene isomer	31	J	ug/L	NA
C4-benzene isomer	21	J	ug/L	NA
C4-benzene isomer	66	J	ug/L	NA
C4-benzene isomer	25	J	ug/L	NA
C4-benzene isomer	20	J	ug/L	NA
Methylpropenyl benzene isomer	20	J	ug/L	NA
C4-benzene isomer	27	J	ug/L	NA
1-Methylnaphthalene	12	J	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-2BRD
Lab ID: 004408-0002-SA Enseco ID: 2028484
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: 07 SEP 89 Analyzed: 15 SEP 89

Parameter	Result	Units	Reporting Limit
C3-Benzene isomer	40	ug/L	NA
C3-Benzene isomer	23	ug/L	NA
C3-Benzene isomer	400	ug/L	NA
C3-Benzene isomer	58	ug/L	NA
1H-Indene, 2,3-dihydro-	51	ug/L	NA
C4-benzene isomer	37	ug/L	NA
C4-benzene isomer	26	ug/L	NA
C4-benzene isomer	74	ug/L	NA
C4-benzene isomer	28	ug/L	NA
C4-benzene isomer	21	ug/L	NA
Dihydromethyl-1H-indene isomer	22	ug/L	NA
C4-benzene isomer	31	ug/L	NA
1-Methylnaphthalene	23	ug/L	NA
Benzeneacetic acid, .ALPHA.-methyl-	32	ug/L	NA
Unknown	36	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4
Lab ID: 004408-0003-SA Enseco ID: 2028485
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: 07 SEP 89 Analyzed: 15 SEP 89

Parameter	Result	Units	Reporting Limit
1H-Indene, 2,3-dihydro-	12	ug/L	NA
C4-benzene isomer	21	ug/L	NA
Dihydromethyl-1H-indene isomer	18	ug/L	NA
C4-benzene isomer	10	ug/L	NA
C4-benzene isomer	11	ug/L	NA
Unknown	15	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4BR
Lab ID: 004408-0004-SA Enseco ID: 2028487
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: 07 SEP 89 Analyzed: 15 SEP 89

Parameter	Result	Units	Reporting Limit
Unknown	18	ug/L	NA
C3-Benzene isomer	59	ug/L	NA
1H-Indene, 2,3-dihydro-	21	ug/L	NA
C4-benzene isomer	12	ug/L	NA
C4-benzene isomer	49	ug/L	NA
C4-benzene isomer	12	ug/L	NA
C4-benzene isomer	20	ug/L	NA
C4-benzene isomer	34	ug/L	NA
C5-Benzene isomer	12	ug/L	NA
C4-benzene isomer	28	ug/L	NA
C4-benzene isomer	18	ug/L	NA
C10H12 isomer	16	ug/L	NA
Unknown	14	ug/L	NA
Unknown	21	ug/L	NA
Tetramethylbutyl phenol isomer	12	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4BRD
Lab ID: 004408-0005-SA Enseco ID: 2028488
Matrix: AQUEOUS Sampled: 30 AUG 89 Received: 31 AUG 89
Authorized: 31 AUG 89 Prepared: 07 SEP 89 Analyzed: 15 SEP 89

Parameter	Result	Units	Reporting Limit
Unknown	19	ug/L	NA
C3-Benzene isomer	41	ug/L	NA
1H-Indene, 2,3-dihydro-	19	ug/L	NA
C4-benzene isomer	10	ug/L	NA
C4-benzene isomer	38	ug/L	NA
C4-benzene isomer	14	ug/L	NA
C4-benzene isomer	16	ug/L	NA
Dihydromethyl-1H-indene isomer	49	ug/L	NA
C4-benzene isomer	22	ug/L	NA
C4-benzene isomer	17	ug/L	NA
C10H12 isomer	14	ug/L	NA
Unknown	9.1	ug/L	NA
Unknown	12	ug/L	NA
Unknown	19	ug/L	NA
Tetramethylbutyl phenol isomer	11	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Name: Maguire Group, Inc.
ID: MW-1BR
004751-0005-SA Enseco ID: 2031356
Matrix: AQUEOUS Sampled: 17 OCT 89 Received: 18 OCT 89
Authorized: 18 OCT 89 Prepared: 23 OCT 89 Analyzed: 26 OCT 89

Parameter	Result	Units	Reporting Limit
Unknown	10	ug/L	NA
TID Compound 2	ND	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-2BR
Lab ID: 004751-0008-SA
Matrix: AQUEOUS
Authorized: 18 OCT 89

Enseco ID: 2031359
Sampled: 17 OCT 89
Prepared: 23 OCT 89

Received: 18 OCT 89
Analyzed: 27 OCT 89

Parameter	Result	Units	Reporting Limit
Unknown	20	ug/L	NA
Ethyl methyl benzene isomer	38	ug/L	NA
1H-Indene, 2,3-dihydro-	54	ug/L	NA
Diethylbenzene isomer	28	ug/L	NA
C4-benzene isomer	32	ug/L	NA
Ethyldimethylbenzene isomer	22	ug/L	NA
Ethyldimethylbenzene isomer	56	ug/L	NA
Unknown	50	ug/L	NA
Dimethylbenzoic acid isomer	38	ug/L	NA
Dimethylbenzoic acid isomer	36	ug/L	NA
Unknown phthalate	28	ug/L	NA
Substituted benzene	72	ug/L	NA
Unknown	22	ug/L	NA
Unknown	32	ug/L	NA
Unknown phthalate	24	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

-ported By: Elizabeth Hynes

Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-2BRD
Lab ID: 004751-0009-SA
Matrix: AQUEOUS
Authorized: 18 OCT 89

Enseco ID: 2031360
Sampled: 17 OCT 89
Prepared: 23 OCT 89

Received: 18 OCT 89
Analyzed: 27 OCT 89

Parameter	Result	Units	Reporting Limit	
n-Propylbenzene	12	ug/L	NA	
Ethyl methyl benzene isomer	10	ug/L	NA	
Unknown	10	ug/L	NA	
Ethyl methyl benzene isomer	18	ug/L	NA	
1H-Indene, 2,3-dihydro-	28	ug/L	NA	
Diethyl phthalate	14	ug/L	NA	
C4-benzene isomer	18	ug/L	NA	
C4-benzene isomer	24	ug/L	NA	
Unknown	44	ug/L	NA	
Unknown	12	ug/L	NA	
Dimethylbenzoic acid isomer	14	ug/L	NA	
Unknown	26	ug/L	NA	
Unknown	14	ug/L	NA	
Unknown phthalate	12	ug/L	NA	
2,6-bis(1,1-Dimethylethyl)-4-methylphenol	12	ug/L	NA	B

Note B : Compound is also detected in the blank.

ND = Not detected
NA = Not applicable

Reported By: Elizabeth Hynes

Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4
Lab ID: 004774-0004-SA Enseco ID: 2031509
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: 23 OCT 89 Analyzed: 26 OCT 89

Parameter	Result	Units	Reporting Limit	
1H-Indene, 2,3-dihydro-	10	ug/L	NA	
C4-benzene isomer	10	ug/L	NA	
Diethylbenzene isomer	20	ug/L	NA	
C4-benzene isomer	8.0	ug/L	NA	
C4-benzene isomer	12	ug/L	NA	
Dihydrodimethyl-1H-indene isomer	6.0	ug/L	NA	
Benzeneacetic acid	10	ug/L	NA	
Unknown	8.0	ug/L	NA	
Unknown	12	ug/L	NA	
Unknown	6.0	ug/L	NA	
Dimethylbenzoic acid isomer	10	ug/L	NA	
Unknown	10	ug/L	NA	
C10H12O isomer	44	ug/L	NA	
2,6-bis(1,1-Dimethylethyl)-4-methylphenol	10	ug/L	NA	B
Unknown	8.0	ug/L	NA	

Note B : Compound is also detected in the blank.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4BR
Lab ID: 004774-0002-SA Enseco ID: 2031507
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: 23 OCT 89 Analyzed: 26 OCT 89

Parameter	Result	Units	Reporting Limit
C3-Benzene isomer	10	ug/L	NA
n-Propylbenzene	12	ug/L	NA
C3-Benzene isomer	32	ug/L	NA
Diethylbenzene isomer	28	ug/L	NA
Substituted benzene	26	ug/L	NA
C4-benzene isomer	16	ug/L	NA
Unknown	8.0	ug/L	NA
Dihydrodimethyl-1H-indene isomer	22	ug/L	NA
C4-benzene isomer	30	ug/L	NA
C4-benzene isomer	26	ug/L	NA
Dihydrodimethyl-1H-indene isomer	12	ug/L	NA
C4-benzene isomer	10	ug/L	NA
C4-benzene isomer	16	ug/L	NA
Dimethylbenzoic acid isomer	14	ug/L	NA
Unknown	12	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-4BRD
Lab ID: 004774-0003-SA Enseco ID: 2031508
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: 23 OCT 89 Analyzed: 26 OCT 89

Parameter	Result	Units	Reporting Limit
C3-Benzene isomer	10	ug/L	NA
n-Propylbenzene	10	ug/L	NA
C3-Benzene isomer	34	ug/L	NA
Diethylbenzene isomer	28	ug/L	NA
n-Butylbenzene	26	ug/L	NA
Diethylbenzene isomer	16	ug/L	NA
Dihydrodimethyl-1H-indene isomer	20	ug/L	NA
C4-benzene isomer	30	ug/L	NA
C4-benzene isomer	28	ug/L	NA
Unknown	12	ug/L	NA
Unknown	10	ug/L	NA
C4-benzene isomer	18	ug/L	NA
Dimethylbenzoic acid isomer	16	ug/L	NA
Unknown	18	ug/L	NA
Unknown	14	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: MW-5BR
Lab ID: 004770-0001-SA Enseco ID: 2031491
Matrix: AQUEOUS Sampled: 18 OCT 89 Received: 19 OCT 89
Authorized: 19 OCT 89 Prepared: 25 OCT 89 Analyzed: 01 NOV 89

Parameter	Result	Units	Reporting Limit	
Diethylbenzene isomer	38	ug/L	NA	
C4-benzene isomer	12	ug/L	NA	
Dihydrodimethyl-1H-indene isomer	12	ug/L	NA	
C11H14 isomer	8.0	ug/L	NA	
2,6-bis(1,1-Dimethylethyl)-4-methylphenol	6.0	ug/L	NA	B
Tetramethylbutyl phenol isomer	24	ug/L	NA	
TID Compound 7	ND	ug/L	NA	
TID Compound 8	ND	ug/L	NA	
TID Compound 9	ND	ug/L	NA	
TID Compound 10	ND	ug/L	NA	
TID Compound 11	ND	ug/L	NA	
TID Compound 12	ND	ug/L	NA	
TID Compound 13	ND	ug/L	NA	
TID Compound 14	ND	ug/L	NA	
TID Compound 15	ND	ug/L	NA	

Note B : Compound is also detected in the blank.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Elizabeth Hynes Approved By: Linda Cook

D. INORGANIC DATA

DISSOLVED METALS

SALEM ACRES RI/FS GROUNDWATER SAMPLING RESULTS JANUARY 1989	REPORTING LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-3BR	MW-4BR	MW-4BRD	MW-5BR	MW-6BRD	MW-7D	MW-7BRD
Aluminum	24.0	ND	ND	NC	ND	ND	ND	ND	ND	1270	48.5
Antimony	31.0	35.7	38.6	NC	ND	ND	49.2	ND	ND	ND	ND
Arsenic	2.0	ND	3.9	2.2	2.1	ND	ND	ND	ND UJ	2.2 J	ND UJ
Barium	2.0	8.3	74.7	74.1	10.6	78.2	72.4	137	8.0	17.3	3.0
Beryllium	1.0	ND	ND	NC	ND	ND	ND	ND	ND	ND	ND
Cadmium	5.0	ND	ND	ND	ND	ND	ND	ND	NC	ND	ND
Calcium	14.0	54600	127000	128000	37700	151000	149000	33600	41700	49800	13100
Chromium	4.0	ND	4.1	NC	ND	NC	ND	ND	NC	ND	ND
Cobalt	3.0	ND	11.2	9.9	ND	NC	4.5	6.9	ND	ND	ND
Copper	5.0	ND	ND	ND	ND	NC	ND	ND	NC	22.8	ND
Iron	3.0	5290	65600	65200	14.9 U	38800	41100	10300	5.4 U	221	5.9 U
Lead	2.0	ND	ND	ND	ND	NC	ND	ND	NC	7.0	ND
Magnesium	34.0	14300	7590	7690	8470	12500	12200	17200	9200	1570	3960
Manganese	1.0	5750	2020	2030	75.5	3610	3520	1780	35.9	26.8	1.7
Mercury	0.1	ND	ND	NC	ND	NC	ND	ND	NC	ND	ND
Nickel	10.0	ND	ND	NC	ND	NC	10.9	ND	NC	ND	ND
Potassium	910	3100	8090	7650	6840	5360	5930	13500	3650	3150	7060
Selenium	2.0	ND	ND	ND	3.7	NC	ND	ND	NC	ND	ND
Silver	4.0	ND	6.3 U	4.5 U	ND	ND	5.5 U	ND	NC	ND	ND
Sodium	35.0	12900	10100	10300	77300	9720	9420	12600	28900	25800	37500
Thallium	2.0	NB	ND	ND	ND	NC	ND	ND	NC	ND	ND
Vanadium	6.0	ND	ND	NC	ND	NC	ND	ND	6.7	14.5	ND
Zinc	7.0	21.0	14.7	9.8	21.7	23.9 U	16.1 U	11.9	ND	29.2	19.7
Cyanide	10.0	NA	ND	ND	NA	NC	ND	NA	NA	NA	NA

NOTES:
ND Not detected.
NA Not analyzed.
U This element should be considered "not detected" since it was detected in a blank at a similar level.
UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.
J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).
* Result rejected.

DISSOLVED METALS

EN ACRES FT/FS UNDWATER MPLE RESULTS PIL AND MAY, 1989	REPORTING LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-3BR	MW-4	MW-4 (May)	MW-4D (May)	MW-4BR	MW-4BRD	MW-5BR	MW-6BR	MW-7	MW-7BR
s	21.0	ND	39.6	36.9	ND	ND	ND	ND	44.4 U	44.5 U	ND	44.5	128	2.0
timony	24.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
senic	1.0	ND	2.0	2.0	ND	1.2 J	ND	ND	1.2 J	1.2 J	ND	ND	2.0	2.0
rium	2.0	7.7	68.8	68.4	8.6	56.9	50.0	50.0	62.6	62.5	126	7.5	11.0	3.5
ryllium	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dmium	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
lcium	69.0	52900	116000	116000	34500	125000	119000	118000	134000	134000	84400	27300	18100	9480
romium	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
balt	4.0	ND	8.3	4.4	ND	9.2	10.0	9.8	ND	ND	ND	ND	ND	ND
pper	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n	31.0	2390	59200	59700	ND	81300	102000	98000	34000	25800	10300	194	31.0	41.5
ad	1.0	ND	ND	ND	ND	ND	ND	ND	ND	2.8	1.4 J	7.7 J	1.1	1.7
gnesium	47.0	13200	6500	6450	6230	9548	10000	10000	10500	10600	23000	5290	2910	3220
nganese	5.0	5390	1770	1770	56.2	3970	4100	4100	3530	3540	7110	38.7	28.3	7.3
rcury	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ckel	5.0	ND	ND	ND	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
tassium	92.0	2530	5360	5370	4540	3410	3850	3250	3800	3840	9060	2600	1400	3610
enium	1.0	ND	ND	ND	ND UJ	ND UJ	ND	ND	ND	ND	ND UJ	ND UJ	ND	ND
ver	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dium	1480	11500	9280	9280	56800	6050	7000	7000	8420	9010 U	9560	16400	15800	16000
allium	2.0	ND	ND	ND	ND UJ	ND	ND	ND	ND	ND	ND	ND	ND	ND
nadium	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
nc	2.0	7.7 J	10.3	10.3	5.3 J	11.1 J	20.0	ND	9.2 U	4.2 U	10.6 J	16.7 J	10.8	18.3
anide	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TES:

Element was not detected.

Not analyzed.

This element should beconsidered "not detected" since it was detected in a blank at a similar concentration.

This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

Result rejected.

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS AUGUST 1989	REPORTING LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-3BR	MW-4	MW-4BR	MW-4BRD	MW-5BR	MW-6BR	MW-7	MW-7BR
Aluminum	35.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Antimony	35.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	1.0	9.9	59.0	60.0	8.1	53.8	72.2	72.2	110	10.7	11.1	ND
Beryllium	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	31.0	63000	105000	103000	26000	113.0	130000	130000	71200	25100	14400	10100
Chromium	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	3.0	ND	6.8	7.5	4.3	10.7	4.4	5.6	5.5	ND	ND	ND
Copper	6.0	ND	ND	ND	11.9	ND	ND	ND	ND	ND	ND	ND
Iron	6.0	463	43200	39900	15.3	54500	38400	39800	6030	26.0	11.9	18.2
Lead	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	40.0	13400	6510	6370	3840	8150	10300	10000	19800	4280	3200	3810
Manganese	1.0	5820	1730	1700	7.5	3500	3200	3120	6340	27.7	26.2	9.1
Mercury	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	18.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Potassium	700.0	3970	5710	5800	3580	4980	4670	4600	7910	2200	1390	1350
Selenium	2.0	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND	ND	ND	ND
Silver	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	30.0	14000	9470	9380	55300	6360	3520	8290	9560	14800	16400	18600
Thallium	2.0	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND
Vanadium	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	9.0	24.8	73.8 U	29.7 U	56.1	39.5 U	33.8 U	38.2 U	41.7 U	152	46.8	35.2
Cyanide	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND Element was not detected.

U This element should be considered "not detected" since it was detected in a blank at a similar level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

DISSOLVED METALS

SALEM ACRES RI/FS GROUNDWATER SAMPLE RESULTS OCTOBER 1989	REPORTING LIMIT (ug/L)	MW-1BR	MW-2BR	MW-2BRD	MW-3BR	MW-4	MW-4BR	MW-4BRD	MW-5BR	MW-6BR	MW-7	MW-7BR
Aluminum	24.0	ND	ND	ND	ND	ND	ND	ND	ND	31.9	ND	ND
Antimony	36.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	3.0	ND	4.9	4.8	ND	4.0	2.9	3.0	ND	ND	ND	ND
Barium	1.0	8.0	62.1	63.0	5.7	58.4	68.4	67.7	110	6.4	14.0	3.8
Beryllium	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	5.0	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND	ND
Calcium	17.0	68000	107000	105000	25500	104000	137000	137000	73300	23200	17900	10700
Chromium	3.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	5.0	ND	ND	ND	ND	ND	ND	ND	ND	7.2	ND	ND
Iron	4.0	268	55100	57500	13.0 U	105000	39800	39600	10100	20.6 U	15.2 U	10.9 U
Lead	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Magnesium	34.0	14500	6640	6520	3880 J	8090 J	10700 J	10800 J	20600 J	4200	4020	4400
Manganese	1.0	5120	1710	1690	ND	3720	3090	2110	6240	32.6	23.2	3.0
Mercury	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	15.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Potassium	920.0	2430	5850	5620	3200 J	5180 J	4190 J	4310 J	8660 J	2140	1880	2110
Selenium	2.0	ND	ND	ND	ND	2.8	ND	ND	3.9	ND	ND	ND
Silver	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	35.0	14200	9700	9520	54600	12200	8880	8830	9770	17000	20900	22000
Thallium	3.0	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND UJ	ND UJ
Vanadium	6.0	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND	ND	ND
Zinc	8.0	50.5 U	24.3 U	ND	8.8	43.5	ND	15.0	26.6	200 U	42.5 U	16.5 U
Cyanide	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

ND Element was not detected.

J This element should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ *This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.*

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

SEDIMENT DATA

Environmental Standards, Inc.
Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 (215) 935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - SEDIMENTS

August 17, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, Massachusetts 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

A. ORGANIC DATA

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS AUGUST, 1989	QUANTITATION LIMIT (ug/kg)	SEMIVOLATILES SS-E		SS-L		SS-K		SS-B		SS-H		SS-J		SS-FB		SS-G		SS-A		SS-D		SS-I		SS-F		SS-C		SS-O		SS-P		SS-Q	
Phenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
bis(Chloroethyl) ether	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Chlorophenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
1,3-Dichlorobenzene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
1,4-Dichlorobenzene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Benzyl alcohol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
1,2-Dichlorobenzene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2-Methylphenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
bis(Chloroisopropyl)ether	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
4-Methylphenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
N-Nitro-di-n-propylamine	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Hexachloroethane	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Nitrobenzene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Isophorone	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2-Nitrophenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2,4-Dimethylphenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Benzoic acid	1600	890	J	[illegible]	UJ	[illegible]	UJ	840	J	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	1100	J	1900	J	[illegible]	
bis(Chloroethoxy)methane	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2,4-Dichlorophenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
1,2,4-Trichlorobenzene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Naphthalene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
4-Chloroaniline	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Hexachlorobutadiene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
4-Chloro-3-methylphenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2-Methylnaphthalene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Hexachlorocyclopentadiene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2,4,6-Trichlorophenol	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2,4,5-Trichlorophenol	1600	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2-Chloronaphthalene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2-Nitroaniline	1600	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Dimethyl phthalate	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Acenaphthylene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
2,6-Dinitrotoluene	330	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
3-Nitroaniline	1600	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]		[illegible]	UJ	[illegible]	UJ	[illegible]		[illegible]	
Quantitation Limit Multiplier		5.6		7.7		2.1		5.0		2.1		9.1		1.2		11.1		2.1		4.8		12.5		6.3		6.7		6.3		10		3.8	

Notes:

ND Compound was not detected.

B This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SALEM HOMES RI/FS
SEDIMENT
SAMPLE RESULTS
AUGUST, 1989

SEMIVOLATILES

QUANTITATION LIMIT (ug/kg)	SS-I	SS-H	SS-G	SS-J	SS-FB	SS-K	SS-A	SS-B	SS-E	SS-F	SS-C	SS-D	SS-P	SS-O
330	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ
1600	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ
1600	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ	0 UJ
330

SEMIVOLATILES

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-10D	SS-11	SS-12
enol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	260 J	[illegible] U	[illegible] U	[illegible]
is(Chloroethyl)ether	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Chlorophenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,3-Dichlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,4-Dichlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
enzyl alcohol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,2-Dichlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Methylphenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
is(Chloroisopropyl)ether	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Methylphenol	330	2300 J	[illegible]	2800 J	[illegible]	300 J	[illegible] U	[illegible] U	[illegible] U	[illegible] U	620 J	170 J	[illegible] U	340 J
-Nitro-di-n-propylamine	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
exachloroethane	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
itrobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
sophorone	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Nitrophenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,4-Dimethylphenol	330	[illegible]	[illegible]	[illegible]	250 J	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
enzoic acid	1600	19000 J	1300 J	20000 J	[illegible] UJ	[illegible] U	[illegible] U	[illegible] U	[illegible] U	420 J	[illegible] U	[illegible] U	[illegible] U	[illegible]
is(Chloroethoxy)methane	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,4-Dichlorophenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,7 ichlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
ph ene	330	[illegible]	[illegible]	[illegible]	57 J	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Chloroaniline	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
exachlorobutadiene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Chloro-3-methylphenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Methylnaphthalene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
exachlorocyclopentadiene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,4,6-Trichlorophenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,4,5-Trichlorophenol	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Chloronaphthalene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Nitroaniline	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
imethyl phthalate	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
cenaphthylene	330	[illegible]	[illegible]	[illegible]	96 J	510 J	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
,6-Dinitrotoluene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
-Nitroaniline	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible] U	[illegible]
uantitation Limit Multiplier		16.7	3.3	19.1	1.5	5.2	2.7	2.7	1.2	1.7	7.9	1.8	1.5	10.0

OTES:

) Compound was not detected.
This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

) This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.
The quantitation is approximate due to limitations identified during the quality assurance review (data validation).
Unreliable result - Analyte may or may not be present in the sample.

SEMIVOLATILES

,ER ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-100	SS-11	SS-12
-cenaphthene	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
,4-Dinitrophenol	1600	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
-Nitrophenol	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
ibenzofuran	330	UJ	1100 J	UJ	500 J	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
,6-Dinitrotoluene	330	UJ	UJ	UJ	UJ	63 J	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
iethylphthalate	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
-Chlorophenylphenylether	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
luorene	1600	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
-Nitroaniline	1600	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
,6-Dinitro-2-methylphenol	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
-Nitrosodiphenylamine	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
-Bromophenylphenylether	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
exachlorobenzene	1600	UJ	UJ	UJ	UJ	850	690 J	330 J	110 J	UJ	150 J	330 J	150 J	UJ
entachlorophenol	330	UJ	UJ	UJ	UJ	130 J	UJ	UJ	UJ	UJ	UJ	UJ	96 J	UJ
enanthrene	330	UJ	720 J	160 J	790 J	1500	9000 J	570 J	190 J	UJ	270 J	590 J	170 J	230 J
nthracene	330	UJ	570 J	130 J	UJ	1300	3200 J	550 J	100 J	UJ	240 J	560 J	160 J	230 J
i-n-butyl phthalate	330	UJ	UJ	UJ	UJ	UJ	UJ	220 J	UJ	UJ	UJ	UJ	UJ	UJ
luoranthene	330	UJ	UJ	UJ	UJ	UJ	2900 J	270 J	110 J	UJ	110 J	270 J	79 J	100 J
yrene	330	UJ	UJ	UJ	UJ	590	2600 J	330 J	UJ	UJ	150 J	370 J	110 J	140 J
utyl benzyl phthalate	660	UJ	UJ	UJ	UJ	720	UJ	150 *	UJ	UJ	UJ	1500 *	UJ	400 *
,3'- hlorobenzidine	330	UJ	UJ	UJ	UJ	140 *	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
en.../anthracene	330	UJ	1200 *	230 *	1900 *	UJ	5200 J	490 J	210 J	UJ	190 J	460 J	130 J	170 J
hrysene	330	UJ	UJ	UJ	UJ	1200 J	5200 J	490 J	210 J	UJ	190 J	460 J	130 J	170 J
is(2-ethylhexyl)phthalate	330	UJ	670 J	130 J	UJ	1200 J	2600 J	270 J	100 J	UJ	UJ	UJ	98 J	92 J
i-n-octyl phthalate	330	UJ	670 J	130 J	UJ	540	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
enzo(b)Fluoranthene	330	UJ	UJ	UJ	UJ	240 J	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
enzo(k)Fluoranthene	330	UJ	UJ	UJ	UJ	65 J	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
enzo(a)pyrene	330	UJ	UJ	UJ	UJ	190 J	850 J	UJ	UJ	UJ	UJ	UJ	UJ	UJ
deno(1,2,3-c,d)pyrene	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
ibenzo(a,h)anthracene	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
enzo(g,h,i)perylene	330	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ	UJ
uantitation Limit Multiplier			16.7	3.3	19.1	1.5	5.2	2.7	2.7	1.2	1.7	7.9	1.8	1.5	10.0

OTES:

U Compound was not detected.
This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

J This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.
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SEMIVOLATILES

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-13	SS-14	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
nol	330	U	U	U	U	U	U	U	U	U
s(Chloroethyl)ether	330	U	U	U	U	U	U	U	U	U
hlorophenol	330	U	U	U	U	U	U	U	U	U
3-Dichlorobenzene	330	U	U	U	U	U	U	U	U	U
4-Dichlorobenzene	330	U	U	U	440 J	U	U	U	U	U
nzyl alcohol	330	U	U	U	U	U	U	U	U	U
2-Dichlorobenzene	330	U	U	U	U	U	U	U	U	U
Methylphenol	330	U	U	U	U	U	U	U	U	U
s(Chloroisopropyl)ether	330	U	U	U	U	U	U	U	U	U
Methylphenol	330	U	U	130 J	U	U	600 J	U	110 J	390 J
Nitroso-di-n-propylamine	330	U	U	U	U	U	U	U	U	U
xachloroethane	330	U	U	U	U	U	U	U	U	U
trobenzene	330	U	U	U	U	U	U	U	U	U
ophorone	330	U	U	U	U	U	U	U	U	U
Nitrophenol	330	U	U	U	U	U	U	U	U	U
4-Dimethylphenol	330	U	U	U	U	U	U	U	U	U
nzoic acid	1600	11000 J	U	910 J	5600 J	U	900 J	12000 J	80 BJ	U
s(Chloroethoxy)methane	330	U	U	U	U	U	U	U	U	U
4-Dichlorophenol	330	U	U	U	U	U	U	U	U	U
2 -ichlorobenzene	330	U	U	U	U	U	U	U	U	U
p- ne	330	U	U	U	330 J	U	170 J	U	53 J	U
Chloroaniline	330	U	U	U	U	U	U	U	U	U
xachlorobutadiene	330	U	U	U	U	U	U	U	U	U
Chloro-3-methylphenol	330	U	U	U	U	U	U	U	U	U
Methylnaphthalene	330	U	U	U	U	U	120 J	U	63 J	U
xachlorocyclopentadiene	330	U	U	U	U	U	U	U	U	U
4,6-Trichlorophenol	330	U	U	U	U	U	U	U	U	U
4,5-Trichlorophenol	1600	U	U	U	U	U	U	U	U	U
Chloronaphthalene	330	U	U	U	U	U	U	U	U	U
Nitroaniline	1600	U	U	U	U	U	U	U	U	U
methyl phthalate	330	U	U	U	U	U	U	U	U	U
enaphthylene	330	U	U	U	U	U	U	U	U	400 J
6-Dinitrotoluene	330	U	U	U	U	U	U	U	U	U
Nitroaniline	1600	U	U	U	U	U	U	U	U	U
uantitation Limit Multiplier		9.7	10.6	1.4	6.7	13.0	3.3	16.7	1.5	9.7

TES:

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SEMIVOLATILES

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-13	SS-14	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
enaphthene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
,4-Dinitrophenol	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-Nitrophenol	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ibenzofuran	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
,4-Dinitrotoluene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
iethyl phthalate	330	[illegible]	[illegible]	[illegible]	2200 B	[illegible]	[illegible]	[illegible]	500 B	[illegible]
-Chlorophenylphenylether	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
luorene	330	[illegible]	[illegible]	95 J	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-Nitroaniline	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
,6-Dinitro-2-methylphenol	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-Nitrosodiphenylamine	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
-Bromophenylphenylether	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
exachlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
entachlorophenol	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
enanthrene	330	660 J	[illegible]	170 J	420 J	560 J	640 J	[illegible]	81 J	1500 J
nthracene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140 J	[illegible]	[illegible]	460 J
-n-butylphthalate	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
luoranthene	330	1200 J	[illegible]	140 J	720 J	790 J	670 J	[illegible]	170 J	3500
yrene	330	1000 J	[illegible]	91 J	670 J	680 J	600 J	[illegible]	150 J	2700 J
tl uzyl phthalate	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
,3'-Dichlorobenzidine	660	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible]
enzo(a)anthracene	330	560 J	[illegible]	[illegible]	360 J	[illegible]	310 J	[illegible]	88 J	[illegible]
rysene	330	680 J	[illegible]	[illegible]	440 J	[illegible]	330 J	[illegible]	92 J	2000 J
is(2-ethylhexyl)phthalate	330	[illegible]	[illegible]	71 *	890 *	970 *	120 *	1800 *	64 *	600 *
-n-octyl phthalate	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
enzo(b)fluoranthene	330	940 J	[illegible]	47 J	640 J	520 J	500 J	[illegible]	140 J	3300 J
enzo(k)fluoranthene	330	940 J	[illegible]	47 J	640 J	520 J	500 J	[illegible]	140 J	3300 J
enzo(a)pyrene	330	570 J	[illegible]	[illegible]	360 J	[illegible]	290 J	[illegible]	68 J	1200 J
ndeno(1,2,3-c,d)pyrene	330	380 J	[illegible]	[illegible]	[illegible]	[illegible]	180 J	[illegible]	54 J	940 J
ibenzo(a,h)anthracene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
enzo(g,h,i)perylene	330	470 J	[illegible]	[illegible]	[illegible]	[illegible]	180 J	[illegible]	[illegible]	[illegible]
uantitation Limit Multiplier		9.7	10.6	1.4	6.7	13.0	3.3	16.7	1.5	9.7

OTES:

) Compound was not detected.
This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

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SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-9A	SS-10	SS-10D	SS-11	SS-12
pha - BHC	8.0	[illegible]													
ta - BHC	8.0														
lta - BHC	8.0														
mma - BHC	8.0														
ptachlor	8.0														
drin	8.0														
ptachlor epoxide	8.0														
desulfan I	8.0														
ldrin	16.0														
4'-DDE	16.0														
drin	16.0														
desulfan II	16.0														
4'-DDD	16.0														
desulfan sulfate	16.0														
4'-DDT	16.0														
drin ketone	16.0														
Chlorychlor	80.0														
lordane	80.0														
xaphene	160														
clor-1016	80.0														
e 1221	80.0														
c...-1232	80.0														
clor-1242	80.0														
clor-1248	80.0														
clor-1254	160														
clor-1260	160														
antitation Limit Multiplier		138	27.5	78.8	5.9	10.6	10.9	6.1	1.3	6.8	1.3	16.3	3.8	3.0	20.0

TES:

Compound was not detected.

This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

Unreliable result - Analyte may or may not be present in the sample.

ORGANOCHLORINE PEST./PCBs

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-13	SS-14	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
ha - BHC	8.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
a - BHC	8.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ta - BHC	8.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ma - BHC	8.0	260000 *	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
otachlor	8.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
rin	8.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
tachlor epoxide	8.0	10000 *	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
osulfan I	8.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ldrin	16.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
'-DDE	16.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
rin	16.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
osulfan II	16.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
'-DDD	16.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
osulfan sulfate	16.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
'-DDT	16.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
rin ketone	16.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
thoxychlor	80.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ordane	80.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
e	160	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
clor-1016	80.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
clor-1221	80.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
clor-1232	80.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
clor-1242	80.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
clor-1248	80.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
clor-1254	160	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
clor-1260	160	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ntitation Limit Multiplier		413	25.0	3.0	30.0	162500	13.8	67.5	6.0	20.0

ES:

Compound was not detected.

This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

Unreliable result - Analyte may or may not be present in the sample.

Environmental Standards, Inc.
Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 (215) 935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - SEDIMENT SAMPLES

AND DRUM SAMPLES

November 28, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, Massachusetts 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

A. SEDIMENT SAMPLES

SEMIVOLATILES (ug/Kg)

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS SEPTEMBER 1990	QUANT. LIMIT (ug/kg)	WA1-SR7 7109-01	WA1-SR8 7109-02	WA1-SR9 7109-03	RINSE BLANK [1] 7109-04	FIELD BLANK [1] 7109-05
Phenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis (Chloroethyl) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Chlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,3-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,4-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzyl alcohol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,2-Dichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis(Chloroisopropal) ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
N-Nitro-di-n-propylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachloroethane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Nitrobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Isophorone	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Nitrophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dimethylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzoic acid	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND
bis(Chloroethoxy)methane	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
1,2,4-Trichlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Naphthalene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Chloroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachlorobutadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Chloro-3-methylphenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Methylnapthalene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachlorocyclopentadiene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4,6-Trichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4,5-Trichlorophenol	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Chloronapthalene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dimethyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Acenaphthylene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,6-Dinitrotoluene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
3-Nitroaniline	330	ND UJ	ND UJ	ND UJ	ND UJ	ND
Quantitation Limit Multiplier		20.6	7.0	11.2	0.036	0.030

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

B This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.

[1] Rinse Blank and Field Blank units are in ug/L.

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS SEPTEMBER 1990	QUANT. LIMIT (ug/kg)	WA1-SR7 7109-01	WA1-SR8 7109-02	WA1-SR9 7109-03	RINSE BLANK [1] 7109-04	FIELD BLANK [1] 7109-05
Acenaphthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dinitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitrophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dibenzofuran	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
2,4-Dinitrotoluene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Diethyl phthalate	330	ND UJ	ND UJ	ND UJ	6.0 J	ND UJ
4-Chlorophenol phenol ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Fluorene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Nitroaniline	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4,6-Dinitro-2-methylphenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
N-Nitrosodiphenylamine	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
4-Bromophenylphenyl ether	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Hexachlorobenzene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Pentachlorophenol	1650	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Phenanthrene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Antracene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Di-n-butyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Flouranthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Pyrene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Butyl benzyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
3,3'-Dichlorobenzidine	660	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(a)anthracene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Chrysene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
bis (2-Ethylhexyl) phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Di-n-octyl phthalate	330	ND UJ	ND UJ	ND UJ	ND UJ	3.0 J
Benzo (b) Flouranthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo (k) Flouranthene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo (a) pyrene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Indeno(1,2,3-c,d)pyrene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Dibenzo(a,h)anthracene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Benzo(g,h,i)perylene	330	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ
Quantitation Limit Multiplier		20.6	7.0	11.2	0.036	0.030
Date Sample Received by Laboratory		9/11/90	9/11/90	9/11/90	9/11/90	9/11/90
Date Sample Extracted		9/19/90	9/19/90	9/21/90	9/21/90	9/13/90
Date of Sample Analysis		9/21/90	9/24/90	10/3/90	9/26/90	10/8/90

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

B This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review

[1] Rinse Blank and Field Blank units are in ug/l.

SEMIVOLATILES (ug/Kg)

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS SEPTEMBER 1990	WA1-SR7 7109-01	WA1-SR8 7109-02	WA1-SR9 7109-03	RINSE BLANK [1] 7109-04	FIELD BLANK [1] 7109-05
SEMIVOLATILE COMPONENTS					
Unknown (Number of Peaks)	16,800 J(4)	1000 J(1)	3200 J(2)		9.0 J(1)
Laboratory Artifacts (Aldol Condensates)	57,000*	11,000*	46,200*		
Sulfur (S8)	3300 J		4200 J	42 J	
Alcohols (Number of Peaks)	21,800 J(2)		4200 J(1)		
Unknown Polyaromatic Hydrocarbon	6500 J				
Saturated Hydrocarbons (Number of Peaks)	6600 J(1)		2600 J(1)		
Laboratory Artifacts (Column Bleed)		2900*			
C8H16 Isomer		2600 J			
Unknown Steroids			6300 J		
Carboxylic Acids					
2-Heptadecanone					
C9H12 Alkylbenzene					
C10H14 Alklybenzene					
Substituted Cyclohexane					

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

B This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantiation limit is probably higher due to a low bias identified during the quality assurance review.

[1] Rinse Blank and Field Blank units are in ug/L.

ORGANOCHLORIDE PESTICIDES/PCBs - ug/kg

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS SEPTEMBER 1990	QUANT. LIMIT (ug/kg)	MA1-SR7 7109-01	MA1-SR8 7109-02	MA1-SR9 7109-03
alpha-BHC	8.0	ND	ND	ND
beta-BHC	8.0	ND	ND	ND
delta-BHC	8.0	ND	ND	ND
gamma-BHC	8.0	ND	ND	ND
Heptachlor	8.0	ND	ND	ND
Aldrin	8.0	ND	ND	ND
Heptachlor epoxide	8.0	ND	ND	ND
Endosulfan I	8.0	ND	ND	ND
Dieldrin	16	ND	ND	ND
4,4'-DDE	16	ND	ND	ND
Endrin	16	ND	ND	ND
Endosulfan II	16	ND	ND	ND
4,4'-DDD	16	ND	ND	ND
Endosulfan sulfate	16	ND	ND	ND
4,4'-DDT	16	ND	ND	ND
Endrin ketone	8.0	ND	ND	ND
Methoxychlor	16	ND	ND	ND
alpha Chlordane	80	ND	ND	ND
gamma Chlordane	80	ND	ND	ND
Toxaphene	160	ND	ND	ND
Aroclor-1016	80	ND	ND	ND
Aroclor-1221	80	ND	ND	ND
Aroclor-1232	80	ND	ND	ND
Aroclor-1242	80	ND	ND	ND
Aroclor-1248	80	ND	ND	ND
Aroclor-1254	160	ND	ND	ND
Aroclor-1260	160	ND	ND	ND
Quantitation Limit Multiplier		5.5	1.19	2.0
Date Sample Received by Laboratory		9/11/90	9/11/90	9/11/90
Date Sample Extracted		9/17/90	9/17/90	9/17/90
Date of Sample Analysis		10/24/90	10/24/90	10/24/90

NOTES:

ND Compound was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the quantitation limit is probably higher due to a low bias identified during the quality assurance review.

INORGANICS - (mg/kg)

SALEM ACRES RI/FS
SEDIMENT
SAMPLE RESULTS
SEPTEMBER 1990

	REPORTING LIMIT (mg/kg)	AA1-SR7 7109-01	AA1-SR8 7109-02	AA1-SR9 7109-03
Aluminum	4.6	11,500	4780	11,400
Antimony	5.2	ND	ND	ND
Arsenic	0.4	4.3	3.1	8.0
Barium	0.4	83.5	27.2	93.4
Beryllium	0.2	1.4	0.33	0.93
Cadmium	0.6	ND	ND	2.5
Calcium	4.4	9330	1860	4680
Chromium	0.8	11	11.6	18.7
Cobalt	1.0	6.2	3.8	13.8
Copper	1.2	22.9	11.3	16
Iron	0.6	17,400	9470	34,700
Lead	0.4	104	38.8	71.3
Magnesium	6.0	1240	1640	3920
Manganese	0.2	190	119	774
Mercury	0.1	1.0 J	ND UJ	0.3 J
Nickel	2.0	11.2	6.2	18.5
Potassium	166	ND	760	722
Selenium	0.4	2.7	ND	ND
Silver	0.8	ND	ND	ND
Sodium	2.6	357	127	221
Thallium	0.6	ND	ND	ND
Vanadium	1.0	29	19.7	74.7
Zinc	1.6	75.8	43.1	133
Reporting Limit Multiplier		5.62	1.19	2.10

NOTES:

ND Constituent was not detected.

J Quantitation is approximate due to limitations identified during the quality control review (data validation).

U This result should be considered "not detected" since this compound was detected in a blank at a similar level.

* Unreliable result - Analyte may or may not be present in this sample.

UJ This analyte was not detected, but the reporting limit is probably higher due to a low bias identified during the quality assurance review.

TOTAL METALS

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS AUGUST, 1989	REPORTING LIMIT (mg/kg)	SS-K	SS-L	SS-M	SS-N	SS-O	SS-J	SS-FB	SS-G	SS-A	SS-B	SS-E	SS-F
Aluminum	20	16300	16900	26700	18900	1680	10600	3060 J	18400	9040	12300	4970	12600 J
Antimony	10.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Arsenic	0.2	11	11	8.0	10	10	UD	0.9 J	62	5.0	6.0	UD	7.0 J
Barium	2.0	204	146	79	111	24	72	16 J	153	54	45	92	60 J
Beryllium	0.4	2.0	3.0	1.1	2.0	0.4	UD	UD	3.0	0.6	UD	UD	UD
Cadmium	1.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Calcium	20	7220	9780	3670	11900	1220	8870	1530 J	7290	2720	2530	16700	7170 J
Chromium	20	61	79	151	65	4.0 B	18 B	2.0 B	38	25	15	UD	18 B
Cobalt	20	11	8.0	11	19	4.0	UD	2.0 J	23	7.0	7.0	UD	8.0 J
Copper	20	92	114	26	38	9.0	24	3.0 J	53	20	27	15	21 J
Iron	20	28200	22800	33600	26700	3650	8650	4750 J	43600	18900	18600	12700	18100 J
Lead	10.0	260	377	70 J	324	17 J	78 J	14 J	194	66 J	1100	UD	92 J
Magnesium	40	2290	2670	4230	3830	191	1230	373 J	2170	3170	1880	1410	1830 J
Manganese	2.0	615	607	442 J	548	62	784	61 J	949	248 J	106	920	220 J
Mercury	0.2	0.7	0.9	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Nickel	8.0	28	30	29	26	UD	UD	UD	UD	13	UD	UD	UD
Potassium	1000	UD	UD	1260	UD	UD	UD	UD	UD	1690	UD	UD	UD
Selenium	1.0	UD	UD	1.0	3.0	UD	UD	UD	6.0	UD	UD	UD	UD
Silver	2.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Sodium	1000	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Thallium	1.0	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD	UD
Vanadium	2.0	127	123	61	113	15	38	11 J	169	33	72	18	42 J
Zinc	2.0	262	242	107	107	30	107	22 J	365	91	126	43	174 J
Quantitation Limit Multiplier		5.6	7.7	2.1	5.0	2.1	9.1	1.2	11.1	2.1	4.8	12.5	6.3

NOTES:

UD Element was not detected.

B This element should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

TOTAL METALS (mg/kg)

SALEB ACRES RI/FS SEDIMENT SAMPLE RESULTS AUGUST, 1989	REPORTING LIMIT (mg/kg)	SS-C	SS-B	SS-P	SS-A
Aluminum	20	3130	22100	5330	10700
Antimony	10.0	ND	ND	ND	ND
Arsenic	0.2	3.0	7.0	17	145
Barium	2.0	15	69	48	181
Beryllium	0.4	ND	2.0	ND	3.5
Cadmium	1.0	ND	ND	ND	ND
Calcium	20	2690	5700	4670	3500
Chromium	20	ND	26	31	28
Cobalt	20	ND	9.6	ND	16
Copper	20	21	210	29	56
Iron	20	2410	15200	29000	17500
Lead	10.0	57 J	292	109	69
Magnesium	40	497	2690	792	1170
Manganese	2.0	22	82	205	249
Mercury	0.2	ND	0.7	ND	1.0
Nickel	8.0	ND	33	ND	40
Potassium	1000	ND	ND	ND	ND
Selenium	1.0	ND	3.0	ND	6.0
Silver	2.0	ND	ND	ND	ND
Sodium	1000	ND	ND	ND	ND
Thallium	1.0	ND	ND	ND	2.0
Vanadium	2.0	15	98	78	93
Zinc	2.0	44	444	181	98
Reporting Limit Multiplier		6.7	6.3	10.0	3.6

NOTES:
ND Element was not detected.
U This element should be considered "not detected" since it was detected in a blank at a similar concentration level.
UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.
J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).
* Result rejected.

SEDIMENTS - METALS

...EN ACRES RI/FS ...MENT SAMPLE RESULTS APRIL, 1989	REPORTING LIMIT (mg/kg)	SS-1 SURFACE	SS-2 SURFACE	SS-3 SURFACE	SS-4 SURFACE	SS-5 SURFACE	SS-6 SURFACE	SS-7 SURFACE	SS-8 SURFACE	SS-9 SURFACE	SS-9-A SURFACE	SS-10 SURFACE	SS-10B SURFACE	SS-11 SURFACE
Aluminum	4.2	11400	14000	17400	5790	15700	17000	21900	1760	13500	2760	8920	8220	10200
Antimony	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.2	62.5 J	4.1	ND	2.0	18.7	8.3	8.0	0.3	3.3	2.8	4.0	3.8	1.3
Barium	0.4	289	58.4	196	41.8	134	126	144	12.3	89.7	11	82.6	74.9	65.3
Beryllium	0.2	0.8 B	1.4 B	6.2 B	1.0 B	3.7	1.5	2.0	ND	ND	ND	0.68	0.74	0.5
Cadmium	0.8	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND UJ	ND	ND	ND
Calcium	13.8	19400	4690	20400	2500	9430	5590	9810	1150	9320	754	4620	4170	5070
Chromium	1.0	31.2	12.5	29.0	21.3	67.0	47.5	24.0	2.4	17.9	6.8	16.8	15.1	15.2
Cobalt	0.8	27.2 J	5.9 J	ND	4.7 J	8.7	18.1	23.9	1.4	13.8	2.0	11.2	11.6	15.8
Copper	1.0	316 J	25.7 J	300 J	24.8 J	98.8	56.9	42.6	3.7	45.9	3.8	16.6	14.3	17.1
Iron	6.2	113000	20400	24700	11200	36800	54800	43900	2490	14800	5050	25800	23600	26700
Lead	5.0/0.2	232	86.4	149	69.5	312	234	479	13.2	365	ND	66.3	84.8	47.3
Magnesium	9.4	2610	1620	3690	2080	2430	3840	4700	444	2310	1830	2450	2370	4410
Manganese	1.0	2540 J	193 J	297 J	145 J	909	1030	224	16.7	530	47	447	392	228
Mercury	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	1.0	47.0 J	5.9 J	44.7 J	7.2 J	20.6	15.8	76.0	1.7	14.4	5.0 B	9.8	9.1	11.7
Potassium	18.4	1110	289	1780	425	469	802	846	121	316	ND	601	496	1150
Selenium	0.2	ND	ND	ND	ND	ND	ND	2.2	ND	2.5	ND	ND	ND	ND
Silver	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	296	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	0.6	223 J	45.3 J	97.3 J	29.0 J	114	89.1	179	9.3	71.0	7.8	56.4	48.6	60.4
Zinc	0.4	607 J	117 J	576 J	65.4 J	253 J	320 J	258 J	14.1 J	78.4 J	13	127 J	126 J	87.1 J
Cyanide	0.25	ND	ND	ND	ND	ND UJ	ND UJ	1.0 J	ND UJ	ND UJ	ND	ND UJ	ND UJ	0.5 J
Quantitation Limit Multiplier		25.0	3.41	20.6	1.79	8.26	3.21	3.98	1.26	7.94	1.28	1.98	1.65	1.55

NOTES:

ND Element was not detected.

B This element should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

SEDIMENTS - METALS

...LEN ACRES RI/FS ...ENT SAMPLE RESULTS APRIL, 1989	REPORTING LIMIT (mg/kg)	SS-12 SURFACE	SS-13 SURFACE	SS-14 SURFACE	SS-15 SURFACE	SS-16 SURFACE	SS-17 SURFACE	SS-18 SURFACE	SS-19 SURFACE	SS-20 SURFACE	SS-21 SURFACE
Aluminum	4.2	17300	11700	11400	10400	10000	13000	11000	8180	10300	12700
Antimony	4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	0.2	8.5	12.2	7.6	11.9	5.5	21.8	88	15.4	1.8	12.3
Barium	0.4	140	111	270	150	83.2	255	204	245	28.8	129
Beryllium	0.2	3.6 B	3.6 B	6.4 B	6.7 B	2.5 B	5.9 B	5.8 B	5.5 B	0.41 B	3.7 B
Cadmium	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	13.8	7520	7240	13500	9010	14700	14900	5260	16000	1870	18200
Chromium	1.0	29.5	29.6	ND	32.6	8.2	41.3	30.6	26.8	11.0	74.2
Cobalt	0.8	14.3 J	11.8 J	24.2 J	39.9 J	ND	42.8 J	20.3 J	38.3 J	5.2 J	22.8 J
Copper	1.0	131 J	86.5 J	229 J	348 J	40.4 J	323 J	117 J	211 J	10.1 J	117 J
Iron	6.2	54600	28100	26000	25900	27200	40600	19500	48700	16900	70500
Lead	5.0/0.2	314	205	207	197	218	280	114	184	17.7	360
Magnesium	9.4	2460	1730	2090	1410 B	1860	2070	1210	2460	1460	2370
Manganese	1.0	635 J	665 J	1430 J	1200 J	335 J	1220 J	393 J	1470 J	138 J	813 J
Mercury	0.05	ND	ND	ND	ND	0.8	ND	1.1	ND	ND	ND
Nickel	1.0	27.6 J	20.8 J	25.5 J	38.1 J	ND	54.8 J	36.9 J	39.1 J	5.8 J	46.1 J
Potassium	18.4	513	557	1070	653	246	1070	1330	845	477	619
Selenium	0.2	ND	2.8	ND	ND	2.3	ND	3.6	ND	0.4 J	ND
Silver	0.8	ND	ND	18.6 J	ND	ND	ND	ND	ND	ND	ND
Sodium	296	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	0.6	167 J	90.9 J	82.6 J	163 J	24.9 J	184 J	98.3 J	185 J	33.3 J	217 J
Zinc	0.4	447 J	428 J	584 J	392 J	179 J	620 J	243 J	581 J	40.2 J	568 J
Cyanide	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		11.8	10.2	22.2	27.0	7.69	18.2	5.56	19.2	1.83	13.7

NOTES:

ND Element was not detected.

B This element should be considered "not detected" since it was detected in a blank at a similar concentration level.

NJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

R Result rejected.

B. INORGANIC DATA

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-1
Lab ID: 003319-0015-SA
Matrix: SOIL
Authorized: 24 APR 89

Enseco ID: 2020149
Sampled: 19 APR 89
Prepared: 23 MAY 89

Received: 19 APR 89
Analyzed: 23 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	380000	ug/kg	NA
Unknown alcohol	15000	ug/kg	NA
Unknown	17000	ug/kg	NA
Unknown	45000	ug/kg	NA
Unknown alkane	37000	ug/kg	NA
Unknown aldehyde	20000	ug/kg	NA
Unknown alcohol	77000	ug/kg	NA
Unknown aldehyde	42000	ug/kg	NA
Unknown alkane	14000	ug/kg	NA
Unknown alcohol	40000	ug/kg	NA
Unknown	14000	ug/kg	NA
Unknown oxygen-containing compound	16000	ug/kg	NA
Unknown	40000	ug/kg	NA
Unknown steroid	20000	ug/kg	NA
Unknown steroid	45000	ug/kg	NA
Unknown	47000	ug/kg	NA
Unknown	22000	ug/kg	NA
Unknown	32000	ug/kg	NA
Unknown	20000	ug/kg	NA
Unknown	18000	ug/kg	NA

Percent Moisture is 94%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei

Approved By: Peter Kane

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-2
Lab ID: 003319-0005-SA Enseco ID: 2020139
Matrix: SOIL Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 26 APR 89 Analyzed: 22 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	13000	ug/kg	NA
Unknown	15000	ug/kg	NA
Unknown	14000	ug/kg	NA
Unknown	5200	ug/kg	NA
Unknown	15000	ug/kg	NA
Unknown alkane	22000	ug/kg	NA
Unknown aldehyde	17000	ug/kg	NA
Unknown alkane	38000	ug/kg	NA
Unknown oxygen-containing compound	6600	ug/kg	NA
Unknown aldehyde	22000	ug/kg	NA
Unknown aldehyde	16000	ug/kg	NA
Unknown alkane	8000	ug/kg	NA
Unknown	11000	ug/kg	NA
Unknown	14000	ug/kg	NA
Unknown aldehyde	8700	ug/kg	NA
Unknown	6300	ug/kg	NA
Unknown	16000	ug/kg	NA
Unknown	21000	ug/kg	NA
Unknown	6300	ug/kg	NA
Unknown aldehyde	6300	ug/kg	NA

Percent Moisture is 71%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook Approved By: Paula DiMattei

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-3
Lab ID: 003319-0012-SA Enseco ID: 2020146
Matrix: SOIL Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 23 MAY 89 Analyzed: 23 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
9-Hexadecenoic acid	15000	ug/kg	NA
Sulfur, mol. (S8)	35000	ug/kg	NA
Unknown alcohol	26000	ug/kg	NA
Unknown	37000	ug/kg	NA
Unknown	26000	ug/kg	NA
Unknown alcohol	49000	ug/kg	NA
Unknown	69000	ug/kg	NA
Unknown alcohol	41000	ug/kg	NA
Unknown	26000	ug/kg	NA
Unknown steroid	16000	ug/kg	NA
Unknown aldehyde	26000	ug/kg	NA
Unknown	18000	ug/kg	NA
Unknown	65000	ug/kg	NA
Unknown steroid	22000	ug/kg	NA
Unknown steroid	15000	ug/kg	NA
Unknown	98000	ug/kg	NA
Unknown	91000	ug/kg	NA
Unknown	59000	ug/kg	NA
Unknown	89000	ug/kg	NA
Unknown	17000	ug/kg	NA

Percent Moisture is 95%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Peter Kane

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-4
Lab ID: 003319-0007-SA Enseco ID: 2020141
Matrix: SOIL Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 26 APR 89 Analyzed: 22 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	2400	ug/kg	NA
Unknown	410	ug/kg	NA
1-Tetracosanol	1600	ug/kg	NA
Unknown alkane	380	ug/kg	NA
Benzo(e)pyrene	990	ug/kg	NA
Unknown alcohol	2900	ug/kg	NA
Unknown	440	ug/kg	NA
Unknown aldehyde	1000	ug/kg	NA
Cholestanol isomer	620	ug/kg	NA
Unknown	1600	ug/kg	NA
Unknown steroid	910	ug/kg	NA
Unknown	210	ug/kg	NA
Unknown aldehyde	570	ug/kg	NA
Unknown	380	ug/kg	NA
Unknown	380	ug/kg	NA
Unknown steroid	4700	ug/kg	NA
Unknown	740	ug/kg	NA
Unknown	650	ug/kg	NA
Unknown	850	ug/kg	NA
Unknown	370	ug/kg	NA

Percent Moisture is 32%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Elizabeth Hynes Approved By: Paula DiMattei

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-5
Lab ID: 003341-0022-SA Enseco ID: 2020574
Matrix: SOIL Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 03 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
2,6-bis(1,1-Dimethylethyl)-4-methylphenol	950	ug/kg	NA
Sulfur, mol. (S8)	4400	ug/kg	NA
Unknown	900	ug/kg	NA
11H-Benzo[a]fluorene	2100	ug/kg	NA
Unknown alkene	1600	ug/kg	NA
Unknown alkane	1300	ug/kg	NA
Unknown	1200	ug/kg	NA
Unknown	850	ug/kg	NA
Unknown alkane	10000	ug/kg	NA
Benzo(j)fluoranthene	950	ug/kg	NA
Unknown PAH	2900	ug/kg	NA
Unknown alkane	6300	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 81%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-6
Lab ID: 003341-0023-SA Enseco ID: 2020575
Matrix: SOIL Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 28 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
2,6-bis(1,1-Dimethylethyl)-4-methylphenol	380	ug/kg	NA
Sulfur, mol. (S8)	660	ug/kg	NA
Unknown alkene	490	ug/kg	NA
Unknown alkane	440	ug/kg	NA
Unknown alkene	2000	ug/kg	NA
Unknown alkane	1400	ug/kg	NA
Unknown alkane	850	ug/kg	NA
Unknown aldehyde	1200	ug/kg	NA
Unknown alkane	6600	ug/kg	NA
Unknown	710	ug/kg	NA
Unknown	790	ug/kg	NA
Unknown alkane	7900	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	410	ug/kg	NA
Unknown	660	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 63%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-7
Lab ID: 003341-0024-SA
Matrix: SOIL
Authorized: 27 APR 89

Enseco ID: 2020576
Sampled: 20 APR 89
Prepared: 02 MAY 89

Received: 20 APR 89
Analyzed: 28 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	550	ug/kg	NA
Unknown	2000	ug/kg	NA
Unknown aldehyde	610	ug/kg	NA
Unknown alkane	3400	ug/kg	NA
Unknown alkane	520	ug/kg	NA
Unknown alkane	4600	ug/kg	NA
Unknown	1900	ug/kg	NA
Unknown	1100	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 67%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring

Approved By: Linda Cook

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-8
Lab ID: 003341-0025-SA Enseco ID: 2020577
Matrix: SOIL Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 28 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	800	ug/kg	NA
Unknown alkane	180	ug/kg	NA
Unknown alkane	1000	ug/kg	NA
Unknown alkane	2200	ug/kg	NA
Unknown	630	ug/kg	NA
TID Compound 6	ND	ug/kg	NA
TID Compound 7	ND	ug/kg	NA
TID Compound 8	ND	ug/kg	NA
TID Compound 9	ND	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 23%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-9
Lab ID: 003341-0026-SA Enseco ID: 2020578
Matrix: SOIL Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 09 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown oxygen-containing compound	370	ug/kg	NA
Sulfur, mol. (S8)	2500	ug/kg	NA
Unknown alkane	760	ug/kg	NA
Unknown alkane	1000	ug/kg	NA
Unknown alkane	440	ug/kg	NA
Unknown aldehyde	310	ug/kg	NA
Unknown alkane	4200	ug/kg	NA
Unknown alkanoic acid	320	ug/kg	NA
Unknown	820	ug/kg	NA
Unknown	6300	ug/kg	NA
Unknown	490	ug/kg	NA
Unknown	320	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 41%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-10
Lab ID: 003341-0027-SA Enseco ID: 2020579
Matrix: SOIL Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 29 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Pentadecanoic acid, 14-methyl-, methyl ester	1600	ug/kg	NA
Sulfur, mol. (S8)	5600	ug/kg	NA
Unknown alkene	5000	ug/kg	NA
Unknown alkane	1600	ug/kg	NA
Unknown	1200	ug/kg	NA
Unknown aldehyde	1100	ug/kg	NA
Unknown alkane	7000	ug/kg	NA
Unknown alkane	10000	ug/kg	NA
Unknown	1100	ug/kg	NA
TID Compound 10	ND	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 87%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: ~~SS-100~~ (SS-10D)
Lab ID: 003341-0028-SA Enseco ID: 2020580
Matrix: SOIL Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 29 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
2,6-bis(1,1-Dimethylethyl)-4-methylphenol	240	ug/kg	NA
Sulfur, mol. (S8)	1500	ug/kg	NA
Unknown alkene	280	ug/kg	NA
Unknown alkane	300	ug/kg	NA
Unknown alkane	1600	ug/kg	NA
Unknown alkane	580	ug/kg	NA
Unknown	ND	ug/kg	340
Unknown alkane	410	ug/kg	NA
Unknown aldehyde	470	ug/kg	NA
Unknown alkane	2800	ug/kg	NA
Unknown aldehyde	1300	ug/kg	NA
Unknown alkane	4300	ug/kg	NA
Unknown	560	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 47%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-11
Lab ID: 003341-0029-SA Enseco ID: 2020581
Matrix: SOIL Sampled: 20 APR 89 Received: 20 APR 89
Authorized: 27 APR 89 Prepared: 02 MAY 89 Analyzed: 29 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
2,6-bis(1,1-Dimethylethyl)-4-methylphenol	260	ug/kg	NA
Hexathiepane	200	ug/kg	NA
Unknown	430	ug/kg	NA
Sulfur, mol. (S8)	4000	ug/kg	NA
Unknown	500	ug/kg	NA
11H-Benzo[a]fluorene	240	ug/kg	NA
Unknown	270	ug/kg	NA
Unknown	230	ug/kg	NA
Unknown alkene	230	ug/kg	NA
Unknown PAH	240	ug/kg	NA
Unknown	210	ug/kg	NA
Unknown alkene	930	ug/kg	NA
Unknown alkane	230	ug/kg	NA
Unknown aldehyde	640	ug/kg	NA
Unknown alkane	1200	ug/kg	NA
Unknown alkane	1300	ug/kg	NA
TID Compound 17	ND	ug/kg	NA
TID Compound 18	ND	ug/kg	NA
TID Compound 19	ND	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 35%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Debra Loring Approved By: Linda Cook

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-12
Lab ID: 003319-0019-SA Enseco ID: 2020153
Matrix: SOIL Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 23 MAY 89 Analyzed: 24 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alkane	3400	ug/kg	NA
9-Hexadecenoic acid	2900	ug/kg	NA
Sulfur, mol. (S8)	29000	ug/kg	NA
Unknown	3400	ug/kg	NA
Unknown alkene	4900	ug/kg	NA
Unknown alkane	12000	ug/kg	NA
Unknown oxygen-containing compound	3100	ug/kg	NA
Unknown alkane	16000	ug/kg	NA
Unknown	3700	ug/kg	NA
Unknown aldehyde	4000	ug/kg	NA
Unknown alcohol	3500	ug/kg	NA
Cholestanol isomer	16000	ug/kg	NA
Unknown steroid	3400	ug/kg	NA
Unknown steroid	5600	ug/kg	NA
Unknown steroid	12000	ug/kg	NA
Unknown	4300	ug/kg	NA
Unknown	19000	ug/kg	NA
Unknown	6400	ug/kg	NA
Unknown	3700	ug/kg	NA
Unknown	3400	ug/kg	NA

Percent Moisture is 90%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Peter Kane

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-13
Lab ID: 003319-0008-SA Enseco ID: 2020142
Matrix: SOIL Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 26 APR 89 Analyzed: 23 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alkane	5100	ug/kg	NA
Hexandecanoic acid	5100	ug/kg	NA
Sulfur, mol. (S8)	57000	ug/kg	NA
Unknown	4700	ug/kg	NA
Pentacosane	4200	ug/kg	NA
Unknown alkane	17000	ug/kg	NA
Unknown	4200	ug/kg	NA
Unknown alcohol	24000	ug/kg	NA
Unknown	4600	ug/kg	NA
Unknown	5200	ug/kg	NA
Unknown alcohol	15000	ug/kg	NA
Unknown	4500	ug/kg	NA
Unknown aldehyde	5400	ug/kg	NA
Unknown steroid	7800	ug/kg	NA
Unknown	4900	ug/kg	NA
Unknown	6800	ug/kg	NA
Unknown steroid	9800	ug/kg	NA
Unknown	13000	ug/kg	NA
Unknown	7600	ug/kg	NA
Unknown	5200	ug/kg	NA

Percent Moisture is 90%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook Approved By: Paula DiMattei

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-14
Lab ID: 003319-0018-SA Enseco ID: 2020152
Matrix: SOIL Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 23 MAY 89 Analyzed: 24 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown alkane	3800	ug/kg	NA
Sulfur, mol. (S8)	35000	ug/kg	NA
Unknown	3500	ug/kg	NA
Unknown	4600	ug/kg	NA
Pentacosane	2800	ug/kg	NA
Unknown	3400	ug/kg	NA
Unknown	11000	ug/kg	NA
Unknown oxygen-containing compound	3100	ug/kg	NA
Unknown alkane	15000	ug/kg	NA
Unknown	2800	ug/kg	NA
Unknown oxygen-containing compound	3900	ug/kg	NA
Unknown	11000	ug/kg	NA
Unknown	2800	ug/kg	NA
TID Compound 14	ND	ug/kg	NA
TID Compound 15	ND	ug/kg	NA
TID Compound 16	ND	ug/kg	NA
Unknown steroid	17000	ug/kg	NA
Unknown	5700	ug/kg	NA
Unknown	3400	ug/kg	NA
Unknown	3200	ug/kg	NA

Percent Moisture is 92%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Peter Kane

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-16
Lab ID: 003319-0003-SA
Matrix: SOIL
Authorized: 24 APR 89

Enseco ID: 2020137
Sampled: 19 APR 89
Prepared: 26 APR 89

Received: 19 APR 89
Analyzed: 22 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
4-(3-Hydroxy-1-propenyl)-2-phenol	3700	ug/kg	NA
Sulfur, mol. (S8)	42000	ug/kg	NA
Unknown	16000	ug/kg	NA
Unknown	10000	ug/kg	NA
Unknown	3600	ug/kg	NA
Unknown	5000	ug/kg	NA
Unknown	19000	ug/kg	NA
Unknown	39000	ug/kg	NA
Unknown	8200	ug/kg	NA
Unknown	3600	ug/kg	NA
Unknown aldehyde	44000	ug/kg	NA
Unknown	5700	ug/kg	NA
Unknown	5000	ug/kg	NA
Unknown aldehyde	28000	ug/kg	NA
Unknown alcohol	4500	ug/kg	NA
Unknown	5300	ug/kg	NA
Unknown	18000	ug/kg	NA
Unknown steroid	24000	ug/kg	NA
Unknown	14000	ug/kg	NA
Unknown	4100	ug/kg	NA
Unknown			

Percent Moisture is 87%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Elizabeth Hynes

Approved By: Paula DiMattei

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-17
Lab ID: 003319-0016-SA
Matrix: SOIL
Authorized: 24 APR 89

Enseco ID: 2020150
Sampled: 19 APR 89
Prepared: 23 MAY 89

Received: 19 APR 89
Analyzed: 24 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
9-Hexadecenoic acid	12000	ug/kg	NA
Sulfur, mol. (S8)	88000	ug/kg	NA
Unknown alkane	31000	ug/kg	NA
Unknown oxygen-containing compound	20000	ug/kg	NA
Unknown alcohol	16000	ug/kg	NA
Unknown	44000	ug/kg	NA
Unknown	20000	ug/kg	NA
Unknown aldehyde	12000	ug/kg	NA
Unknown	12000	ug/kg	NA
Unknown alcohol	39000	ug/kg	NA
Cholestanol isomer	20000	ug/kg	NA
Unknown	12000	ug/kg	NA
TID Compound 13	ND	ug/kg	NA
Unknown steroid	8100	ug/kg	NA
Unknown	19000	ug/kg	NA
Unknown	16000	ug/kg	NA
Unknown	68000	ug/kg	NA
Unknown	12000	ug/kg	NA
Unknown	19000	ug/kg	NA
Unknown steroid	17000	ug/kg	NA

Percent Moisture is 92%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei

Approved By: Peter Kane

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-18
Lab ID: 003319-0013-SA Enseco ID: 2020147
Matrix: SOIL Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 23 MAY 89 Analyzed: 23 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	1500	ug/kg	NA
Sulfur, mol. (S8)	29000	ug/kg	NA
Unknown alcohol	3700	ug/kg	NA
Unknown	1600	ug/kg	NA
Unknown aldehyde	2000	ug/kg	NA
Unknown alkane	6700	ug/kg	NA
Unknown	2300	ug/kg	NA
Unknown aldehyde	4400	ug/kg	NA
Unknown	5400	ug/kg	NA
Unknown	4000	ug/kg	NA
TID Compound 11	ND	ug/kg	NA
TID Compound 12	ND	ug/kg	NA
Unknown aldehyde	4000	ug/kg	NA
Unknown steroid	2900	ug/kg	NA
Unknown steroid	2500	ug/kg	NA
Unknown steroid	12000	ug/kg	NA
Unknown steroid	4700	ug/kg	NA
Unknown	3200	ug/kg	NA
Unknown	19000	ug/kg	NA
TID Compound 20	ND	ug/kg	NA

Percent Moisture is 70%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Peter Kane

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-19
Lab ID: 003319-0009-SA
Matrix: SOIL
Authorized: 24 APR 89

Enseco ID: 2020143
Sampled: 19 APR 89
Prepared: 26 APR 89

Received: 19 APR 89
Analyzed: 23 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	110000	ug/kg	NA
Unknown	7200	ug/kg	NA
Pentacosane	9900	ug/kg	NA
Unknown	24000	ug/kg	NA
Unknown	32000	ug/kg	NA
Unknown alkane	24000	ug/kg	NA
Unknown aldehyde	7200	ug/kg	NA
Unknown alkane	77000	ug/kg	NA
Unknown alcohol	8200	ug/kg	NA
Unknown aldehyde	14000	ug/kg	NA
Unknown aldehyde	40000	ug/kg	NA
Unknown	14000	ug/kg	NA
Unknown steroid	14000	ug/kg	NA
Unknown aldehyde	9400	ug/kg	NA
Unknown	20000	ug/kg	NA
Sitosterol isomer	96000	ug/kg	NA
Unknown steroid	11000	ug/kg	NA
Unknown	15000	ug/kg	NA
Unknown	9200	ug/kg	NA
Unknown	10000	ug/kg	NA

Percent Moisture is 94%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei

Approved By: Peter Kane

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-20
Lab ID: 003319-0002-SA
Matrix: SOIL
Authorized: 24 APR 89

Enseco ID: 2020136
Sampled: 19 APR 89
Prepared: 26 APR 89

Received: 19 APR 89
Analyzed: 26 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
C10H20 isomer	920	ug/kg	NA
Unknown alkane	1000	ug/kg	NA
Sulfur, mol. (S8)	9200	ug/kg	NA
Unknown alcohol	3800	ug/kg	NA
Unknown	950	ug/kg	NA
Unknown alcohol	7700	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown alcohol	7500	ug/kg	NA
Unknown aldehyde	2400	ug/kg	NA
Unknown steroid	3800	ug/kg	NA
Unknown alcohol	4100	ug/kg	NA
Unknown steroid	2700	ug/kg	NA
Unknown	910	ug/kg	NA
Unknown aldehyde	2400	ug/kg	NA
Unknown steroid	1800	ug/kg	NA
Unknown	5900	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	1300	ug/kg	NA
Unknown	940	ug/kg	NA

Percent Moisture is 34%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Linda Cook

Approved By: Paula DiMattei

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-21
Lab ID: 003319-0020-SA Enseco ID: 2020154
Matrix: SOIL Sampled: 19 APR 89 Received: 19 APR 89
Authorized: 24 APR 89 Prepared: 23 MAY 89 Analyzed: 26 MAY 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	47000	ug/kg	NA
Unknown alkane	6000	ug/kg	NA
Unknown	33000	ug/kg	NA
Unknown	84000	ug/kg	NA
Unknown	45000	ug/kg	NA
Unknown	14000	ug/kg	NA
Unknown	15000	ug/kg	NA
Pentacosane	11000	ug/kg	NA
Unknown alkane	6000	ug/kg	NA
Unknown	14000	ug/kg	NA
Unknown	23000	ug/kg	NA
Heptacosane	60000	ug/kg	NA
Unknown alkane	8400	ug/kg	NA
Unknown aldehyde	31000	ug/kg	NA
Unknown alkane	110000	ug/kg	NA
Unknown oxygen-containing compound	33000	ug/kg	NA
Unknown	30000	ug/kg	NA
Unknown	6500	ug/kg	NA
Unknown	12000	ug/kg	NA
Unknown	23000	ug/kg	NA

Percent Moisture is 90%. All results and limits are reported on a dry weight basis.

ND=Not Detected
NA=Not Applicable

Reported By: Paula DiMattei Approved By: Peter Kane

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-A
Lab ID: 004401-0012-SA
Matrix: SOIL
Authorized: 31 AUG 89

Enseco ID: 2028505
Sampled: 28 AUG 89
Prepared: 05 SEP 89

Received: 30 AUG 89
Analyzed: 18 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	7200	ug/kg	NA	AB
Unknown	890	ug/kg	NA	
Unknown	410	ug/kg	NA	
C11H24 isomer	610	ug/kg	NA	
Unknown	1100	ug/kg	NA	
Sulfur, mol. (S8)	6500	ug/kg	NA	
Unknown	400	ug/kg	NA	
Unknown	670	ug/kg	NA	
Unknown	450	ug/kg	NA	
Unknown	1000	ug/kg	NA	
Unknown	400	ug/kg	NA	
Cholestanol isomer	2600	ug/kg	NA	
C27H460 isomer	1500	ug/kg	NA	
C27H460 isomer	2400	ug/kg	NA	
Unknown	470	ug/kg	NA	
Unknown	410	ug/kg	NA	
Unknown	830	ug/kg	NA	
C29H500 isomer	1500	ug/kg	NA	
C30H500 isomer	670	ug/kg	NA	
Unknown steroid	670	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 51%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard

Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-B
Lab ID: 004401-0013-SA Enseco ID: 2028506
Matrix: SOIL Sampled: 28 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 18 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Sulfur, mol. (S8)	18000	ug/kg	NA
Unknown	4600	ug/kg	NA
Unknown	3200	ug/kg	NA
Unknown	3700	ug/kg	NA
Unknown	3300	ug/kg	NA
Unknown alkane	13000	ug/kg	NA
Unknown	6600	ug/kg	NA
Unknown	7800	ug/kg	NA
Unknown alcohol	16000	ug/kg	NA
Unknown	4800	ug/kg	NA
Unknown	9500	ug/kg	NA
Unknown steroid	3300	ug/kg	NA
Unknown steroid	6500	ug/kg	NA
Unknown steroid	11000	ug/kg	NA
Unknown	3400	ug/kg	NA
Unknown	4400	ug/kg	NA
Unknown	18000	ug/kg	NA
Unknown steroid	14000	ug/kg	NA
Unknown	7300	ug/kg	NA
Unknown	3200	ug/kg	NA

Percent Moisture is 79%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-C
Lab ID: 004401-0016-SA Enseco ID: 2028509
Matrix: SOIL Sampled: 28 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 18 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	13000	ug/kg	NA	AB
Benzeneacetic acid	3100	ug/kg	NA	
Hexadecanoic acid	4000	ug/kg	NA	
Unknown	3000	ug/kg	NA	
Unknown	18000	ug/kg	NA	
Docosanoic acid	6800	ug/kg	NA	
Unknown	7300	ug/kg	NA	
Unknown	3200	ug/kg	NA	
Unknown alcohol	25000	ug/kg	NA	
Unknown alkanoic acid	15000	ug/kg	NA	
Unknown alcohol	20000	ug/kg	NA	
Unknown	7000	ug/kg	NA	
Unknown	11000	ug/kg	NA	
C28H48O isomer	5000	ug/kg	NA	
C28H50O isomer	3300	ug/kg	NA	
C29H48O isomer	11000	ug/kg	NA	
Unknown	6900	ug/kg	NA	
C29H50O isomer	13000	ug/kg	NA	
Unknown steroid	31000	ug/kg	NA	
Unknown	3200	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 85%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-D
Lab ID: 004401-0017-SA Enseco ID: 2028510
Matrix: SOIL Sampled: 28 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 18 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	19000	ug/kg	NA
Unknown	5400	ug/kg	NA
Unknown alcohol	11000	ug/kg	NA
Unknown alkene	7700	ug/kg	NA
Docosanoic acid	5100	ug/kg	NA
Unknown	4100	ug/kg	NA
Unknown alcohol	8100	ug/kg	NA
Unknown	25000	ug/kg	NA
Unknown	5900	ug/kg	NA
Unknown	14000	ug/kg	NA
Unknown	26000	ug/kg	NA
Unknown	7500	ug/kg	NA
Unknown alkene	13000	ug/kg	NA
Unknown steroid	5100	ug/kg	NA
Unknown steroid	11000	ug/kg	NA
Unknown steroid	13000	ug/kg	NA
Unknown	53000	ug/kg	NA
Unknown	20000	ug/kg	NA
Unknown	13000	ug/kg	NA
Unknown	4800	ug/kg	NA

Percent Moisture is 84%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-E
Lab ID: 004401-0014-SA Enseco ID: 2028507
Matrix: SOIL Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 18 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	39000	ug/kg	NA	AB
Sulfur, mol. (S8)	16000	ug/kg	NA	
Unknown	20000	ug/kg	NA	
Unknown	22000	ug/kg	NA	
Docosanoic acid	21000	ug/kg	NA	
Unknown	22000	ug/kg	NA	
Unknown alkane	20000	ug/kg	NA	
Unknown alkanoic acid	24000	ug/kg	NA	
Unknown alkane	87000	ug/kg	NA	
Unknown	16000	ug/kg	NA	
Unknown aldehyde	14000	ug/kg	NA	
Unknown	58000	ug/kg	NA	
Unknown	18000	ug/kg	NA	
Unknown steroid	14000	ug/kg	NA	
Unknown steroid	46000	ug/kg	NA	
Unknown steroid	43000	ug/kg	NA	
Unknown	20000	ug/kg	NA	
C30H480 isomer	16000	ug/kg	NA	
C30H480 isomer	15000	ug/kg	NA	
Unknown	36000	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 92%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-F
Lab ID: 004401-0015-SA Enseco ID: 2028508
Matrix: SOIL Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 18 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	10000	ug/kg	NA	AB
Hexadecanoic acid	2500	ug/kg	NA	
Sulfur, mol. (S8)	19000	ug/kg	NA	
Unknown	6300	ug/kg	NA	
Unknown	3500	ug/kg	NA	
Docosanoic acid	3200	ug/kg	NA	
Unknown	4200	ug/kg	NA	
Unknown	2700	ug/kg	NA	
Unknown	16000	ug/kg	NA	
Unknown	3700	ug/kg	NA	
Unknown	7000	ug/kg	NA	
Unknown	2300	ug/kg	NA	
Unknown	16000	ug/kg	NA	
Unknown	5200	ug/kg	NA	
Unknown	13000	ug/kg	NA	
C29H500 isomer	14000	ug/kg	NA	
Unknown	9100	ug/kg	NA	
Unknown	3900	ug/kg	NA	
Unknown	3400	ug/kg	NA	
Unknown	3400	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 84%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-FD
Lab ID: 004401-0010-SA Enseco ID: 2028503
Matrix: SOIL Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	9100	ug/kg	NA	AB
Unknown	8800	ug/kg	NA	
Unknown	2000	ug/kg	NA	
Unknown	1100	ug/kg	NA	
Unknown alcohol	2600	ug/kg	NA	
Docosanoic acid	820	ug/kg	NA	
Unknown alcohol	6700	ug/kg	NA	
Unknown alkanoic acid	3000	ug/kg	NA	
Unknown alkene	780	ug/kg	NA	
Unknown	810	ug/kg	NA	
Unknown alcohol	7100	ug/kg	NA	
Unknown alkanoic acid	2000	ug/kg	NA	
Unknown	3800	ug/kg	NA	
Unknown	1300	ug/kg	NA	
Unknown steroid	1300	ug/kg	NA	
Unknown steroid	1700	ug/kg	NA	
Unknown steroid	1400	ug/kg	NA	
C30H48O isomer	4100	ug/kg	NA	
C30H48O isomer	3400	ug/kg	NA	
Unknown	3000	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 15%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-G
Lab ID: 004401-0011-SA Enseco ID: 2028504
Matrix: SOIL Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 18 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	94000	ug/kg	NA	AB
Unknown	6600	ug/kg	NA	
Unknown	4500	ug/kg	NA	
C14H30 isomer	3100	ug/kg	NA	
Unknown	4900	ug/kg	NA	
Hexadecanoic acid	3800	ug/kg	NA	
Sulfur, mol. (S8)	530000	ug/kg	NA	
Unknown	4300	ug/kg	NA	
Docosanoic acid	2800	ug/kg	NA	
Unknown	9000	ug/kg	NA	
Unknown	6000	ug/kg	NA	
Unknown	15000	ug/kg	NA	
Unknown alkane	8600	ug/kg	NA	
Unknown	4200	ug/kg	NA	
Unknown	3400	ug/kg	NA	
Unknown	6500	ug/kg	NA	
C29H50O isomer	17000	ug/kg	NA	
Unknown steroid	14000	ug/kg	NA	
Unknown steroid	5400	ug/kg	NA	
TID Compound 20	ND	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 91%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SW-H
Lab ID: 004401-0008-SA Enseco ID: 2028501
Matrix: SOIL Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	16000	ug/kg	NA	AB
Hexadecanoic acid	750	ug/kg	NA	
Unknown	920	ug/kg	NA	
Unknown	1500	ug/kg	NA	
Unknown	1300	ug/kg	NA	
Unknown	1900	ug/kg	NA	
Unknown alkane	2000	ug/kg	NA	
Unknown	800	ug/kg	NA	
Unknown	1400	ug/kg	NA	
Unknown alkane	3300	ug/kg	NA	
Unknown	1200	ug/kg	NA	
Unknown aldehyde	820	ug/kg	NA	
Unknown	2100	ug/kg	NA	
Cholestanol isomer	1200	ug/kg	NA	
C29H480 isomer	2100	ug/kg	NA	
Unknown steroid	1500	ug/kg	NA	
Unknown steroid	1200	ug/kg	NA	
Unknown steroid	6800	ug/kg	NA	
Unknown steroid	3500	ug/kg	NA	
Unknown steroid	1200	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 52%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-J
Lab ID: 004401-0009-SA Enseco ID: 2028502
Matrix: SOIL Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	68000	ug/kg	NA	AB
Unknown alkane	15000	ug/kg	NA	
Docosanoic acid	6400	ug/kg	NA	
Unknown	7300	ug/kg	NA	
Unknown	5100	ug/kg	NA	
Unknown	32000	ug/kg	NA	
Unknown alkanoic acid	21000	ug/kg	NA	
Unknown alcohol	43000	ug/kg	NA	
Unknown alkanoic acid	11000	ug/kg	NA	
Unknown alkane	7600	ug/kg	NA	
Unknown alcohol	29000	ug/kg	NA	
Unknown steroid	7600	ug/kg	NA	
Unknown	6600	ug/kg	NA	
Unknown	7600	ug/kg	NA	
Unknown steroid	10000	ug/kg	NA	
Unknown steroid	9500	ug/kg	NA	
Unknown steroid	40000	ug/kg	NA	
Unknown	5600	ug/kg	NA	
Unknown	9200	ug/kg	NA	
Unknown	9200	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 89%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-K
Lab ID: 004401-0001-SA Enseco ID: 2028494
Matrix: SOIL Sampled: 28 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	56000	ug/kg	NA	AB
Sulfur, mol. (S8)	15000	ug/kg	NA	
Unknown oxygen-containing compound	4300	ug/kg	NA	
Unknown	17000	ug/kg	NA	
Unknown alcohol	3500	ug/kg	NA	
Docosanoic acid	3600	ug/kg	NA	
Unknown alcohol	12000	ug/kg	NA	
Unknown alkanoic acid	6300	ug/kg	NA	
Unknown methylated siloxane	3100	ug/kg	NA	
Unknown	7400	ug/kg	NA	
Unknown alkane	21000	ug/kg	NA	
Unknown	5300	ug/kg	NA	
Unknown steroid	3200	ug/kg	NA	
Unknown alkane	5000	ug/kg	NA	
Unknown	8200	ug/kg	NA	
Unknown methylated siloxane	2800	ug/kg	NA	
Unknown	2400	ug/kg	NA	
Unknown	28000	ug/kg	NA	
Unknown steroid	3000	ug/kg	NA	
Unknown	5700	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 82%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-L
Lab ID: 004401-0002-SA Enseco ID: 2028495
Matrix: SOIL Sampled: 28 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	76000	ug/kg	NA	AB
Hexadecanoic acid	3200	ug/kg	NA	
Sulfur, mol. (S8)	19000	ug/kg	NA	
Unknown	5000	ug/kg	NA	
Docosanoic acid	4500	ug/kg	NA	
Unknown alkanoic acid	3800	ug/kg	NA	
Unknown alcohol	18000	ug/kg	NA	
Unknown alkanoic acid	11000	ug/kg	NA	
Unknown methylated siloxane	3800	ug/kg	NA	
Unknown	17000	ug/kg	NA	
Unknown	6200	ug/kg	NA	
Unknown	3100	ug/kg	NA	
Unknown alkane	5600	ug/kg	NA	
Unknown	6000	ug/kg	NA	
Unknown steroid	4000	ug/kg	NA	
Unknown steroid	3200	ug/kg	NA	
Unknown steroid	42000	ug/kg	NA	
Unknown steroid	7000	ug/kg	NA	
Unknown steroid	3700	ug/kg	NA	
Unknown steroid	5400	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 87%. All results and limits are reported on a dry weight basis.

ND = Not detected
NA = Not applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-M
Lab ID: 004401-0003-SA Enseco ID: 2028496
Matrix: SOIL Sampled: 28 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	12000	ug/kg	NA	AB
Unknown alkane	2100	ug/kg	NA	
Hexadecanoic acid	4100	ug/kg	NA	
Sulfur, mol. (S8)	6700	ug/kg	NA	
Unknown	3100	ug/kg	NA	
Docosanoic acid	2400	ug/kg	NA	
Unknown	2400	ug/kg	NA	
Unknown alcohol	8500	ug/kg	NA	
Unknown alkanoic acid	4800	ug/kg	NA	
Unknown alcohol	17000	ug/kg	NA	
Unknown alkanoic acid	3700	ug/kg	NA	
Unknown aldehyde	2500	ug/kg	NA	
Cholestanol isomer	2400	ug/kg	NA	
Unknown alcohol	13000	ug/kg	NA	
Unknown	2500	ug/kg	NA	
Unknown alkane	2600	ug/kg	NA	
Unknown steroid	11000	ug/kg	NA	
Amyrin isomer	4400	ug/kg	NA	
Unknown	3000	ug/kg	NA	
Amyrin isomer	2300	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 53%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-N
Lab ID: 004401-0004-SA Enseco ID: 2028497
Matrix: SOIL Sampled: 28 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	54000	ug/kg	NA	AB
Sulfur, mol. (S8)	8200	ug/kg	NA	
Unknown alcohol	8600	ug/kg	NA	
Unknown alkanoic acid	6400	ug/kg	NA	
Unknown alkanoic acid	5200	ug/kg	NA	
Unknown alcohol	29000	ug/kg	NA	
Unknown alkanoic acid	23000	ug/kg	NA	
Unknown	5800	ug/kg	NA	
Unknown aldehyde	7700	ug/kg	NA	
Unknown alkanoic acid	6200	ug/kg	NA	
Unknown alcohol	50000	ug/kg	NA	
Unknown	5200	ug/kg	NA	
Unknown alkanoic acid	14000	ug/kg	NA	
Unknown aldehyde	7500	ug/kg	NA	
Unknown alkane	3900	ug/kg	NA	
Unknown alcohol	28000	ug/kg	NA	
Unknown alkanoic acid	4500	ug/kg	NA	
Unknown steroid	6800	ug/kg	NA	
Unknown steroid	11000	ug/kg	NA	
Unknown	7200	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 80%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-P
Lab ID: 004401-0018-SA Enseco ID: 2028511
Matrix: SOIL Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 05 SEP 89 Analyzed: 18 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit	
4-Hydroxy-4-methyl-2-pentanone	24000	ug/kg	NA	AB
Sulfur, mol. (S8)	91000	ug/kg	NA	
Unknown	31000	ug/kg	NA	
Unknown	8200	ug/kg	NA	
Unknown	36000	ug/kg	NA	
Unknown	11000	ug/kg	NA	
Unknown alkane	24000	ug/kg	NA	
Unknown	8900	ug/kg	NA	
Unknown	14000	ug/kg	NA	
Unknown aldehyde	9400	ug/kg	NA	
Unknown alkane	49000	ug/kg	NA	
Unknown aldehyde	15000	ug/kg	NA	
Unknown alcohol	34000	ug/kg	NA	
Unknown steroid	14000	ug/kg	NA	
C29H480 isomer	13000	ug/kg	NA	
Unknown steroid	9600	ug/kg	NA	
Unknown	8200	ug/kg	NA	
Unknown steroid	24000	ug/kg	NA	
Unknown steroid	46000	ug/kg	NA	
Unknown steroid	12000	ug/kg	NA	

Note A : Aldol condensation product.

Note B : Compound is also detected in the blank.

Percent Moisture is 90%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: SS-Q
Lab ID: 004401-0019-SA
Matrix: SOIL
Authorized: 31 AUG 89

Enseco ID: 2028512
Sampled: 29 AUG 89
Prepared: 05 SEP 89

Received: 30 AUG 89
Analyzed: 19 SEP 89

Parameter	Result	Dry Weight Units	Reporting Limit
Unknown	1500	ug/kg	NA
Unknown	1900	ug/kg	NA
Hexadecanoic acid	1800	ug/kg	NA
Sulfur, mol. (S8)	17000	ug/kg	NA
Unknown	1500	ug/kg	NA
Unknown	1900	ug/kg	NA
Unknown	1900	ug/kg	NA
Unknown	3100	ug/kg	NA
Unknown	1100	ug/kg	NA
Unknown	1000	ug/kg	NA
Unknown methylated siloxane	860	ug/kg	NA
Unknown aldehyde	4800	ug/kg	NA
Unknown alkene	1500	ug/kg	NA
Unknown	1400	ug/kg	NA
Unknown steroid	2300	ug/kg	NA
C28H480 isomer	6900	ug/kg	NA
C29H480 isomer	1700	ug/kg	NA
Unknown	12000	ug/kg	NA
Unknown steroid	1500	ug/kg	NA
Unknown	910	ug/kg	NA
Unknown			

Percent Moisture is 74%. All results and limits are reported on a dry weight basis.

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard

Approved By: Linda Cook

Enseco

SEMIVOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS
Method 8270

Client Name: Maguire Group, Inc.
Client ID: RINSE BLANK
Lab ID: 004401-0020-SA Enseco ID: 2028513
Matrix: SOIL Sampled: 29 AUG 89 Received: 30 AUG 89
Authorized: 31 AUG 89 Prepared: 02 SEP 89 Analyzed: 17 SEP 89

Parameter	Result	Units	Reporting Limit
Unknown	16	ug/L	NA
Unknown	15	ug/L	NA
TID Compound 3	ND	ug/L	NA
TID Compound 4	ND	ug/L	NA
TID Compound 5	ND	ug/L	NA
TID Compound 6	ND	ug/L	NA
TID Compound 7	ND	ug/L	NA
TID Compound 8	ND	ug/L	NA
TID Compound 9	ND	ug/L	NA
TID Compound 10	ND	ug/L	NA
TID Compound 11	ND	ug/L	NA
TID Compound 12	ND	ug/L	NA
TID Compound 13	ND	ug/L	NA
TID Compound 14	ND	ug/L	NA
TID Compound 15	ND	ug/L	NA
TID Compound 16	ND	ug/L	NA
TID Compound 17	ND	ug/L	NA
TID Compound 18	ND	ug/L	NA
TID Compound 19	ND	ug/L	NA
TID Compound 20	ND	ug/L	NA

N.D. = Not Detected
N.A. = Not Applicable

Reported By: Pam Burchard Approved By: Linda Cook

B. INORGANIC DATA

SALEM ACRES RI/FS
SEDIMENT
SAMPLE RESULTS
APRIL, 1989

SEMIVOLATILES

	QUANTITATION LIMIT (ug/kg)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-10D	SS-11	SS-12
Phenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	260 J	[illegible] UJ	[illegible] UJ	[illegible]
bis(Chloroethyl)ether	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2-Chlorophenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
1,3-Dichlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
1,4-Dichlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Benzyl alcohol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
1,2-Dichlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2-Methylphenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
bis(Chloroisopropyl)ether	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
4-Methylphenol	330	2300 J	[illegible]	2000 J	[illegible]	300 J	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	620 J	170 J	[illegible] UJ	340 J
N-Nitro-di-n-propylamine	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Hexachloroethane	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Nitrobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Isophorone	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2-Nitrophenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2,4-Dimethylphenol	330	[illegible]	[illegible]	[illegible]	250 J	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Benzoic acid	1600	18000 J	1300 J	20000 J	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	420 J	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
bis(Chloroethoxy)methane	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2,4-Dichlorophenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
1,2 [illegible]ichlorobenzene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Nap[illegible]ene	330	[illegible]	[illegible]	[illegible]	57 J	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
4-Chloroaniline	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Hexachlorobutadiene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
4-Chloro-3-methylphenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2-Methylnapthalene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Hexachlorocyclopentadiene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2,4,6-Trichlorophenol	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2,4,5-Trichlorophenol	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2-Chloronapthalene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2-Nitroaniline	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Dimethyl phthalate	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Acenaphthylene	330	[illegible]	[illegible]	[illegible]	96 J	510 J	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
2,6-Dinitrotoluene	330	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
3-Nitroaniline	1600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible] UJ	[illegible]
Quantitation Limit Multiplier		16.7	3.3	19.1	1.5	5.2	2.7	2.7	1.2	1.7	7.5	1.8	1.5	10.0

NOTES:

[illegible] Compound was not detected.

B This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SEMIVOLATILES

LEN ACRES RI/FS
SEDIMENT
SAMPLE RESULTS
APRIL, 1989

	QUANTITATION LIMIT (ug/kg)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-10	SS-10D	SS-11	SS-12
Acenaphthene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dinitrophenol	1600	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Nitrophenol	1600	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dibenzofuran	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
2,4-Dinitrotoluene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Diethylphthalate	330	ND	1100 B	ND	500 B	ND UJ	ND UJ	ND UJ	ND UJ	370 *	ND UJ	600 *	ND UJ	ND
4-Chlorophenylphenylether	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Fluorene	330	ND	ND	ND	63 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Nitroaniline	1600	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4,6-Dinitro-2-methylphenol	1600	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
N-Nitrosodiphenylamine	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
4-Bromophenylphenylether	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Hexachlorobenzene	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Pentachlorophenol	1600	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Phenanthrene	330	ND	ND	ND	850	690 J	330 J	110 J	ND UJ	150 J	330 J	96 J	150 J	ND
Anthracene	330	ND	ND	ND	130 J	330 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Di-n-butyl phthalate	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Fluoranthene	330	720 J	160 J	790 J	1500	3000 J	570 J	180 J	ND UJ	270 J	590 J	170 J	230 J	ND
Pyrene	330	570 J	130 J	ND	1300	3200 J	550 J	180 J	ND UJ	240 J	560 J	160 J	230 J	ND
Butyl benzyl phthalate	330	ND	ND	ND	ND	ND UJ	220 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
3,3' Dichlorobenzidine	660	ND	ND UJ	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo(a)anthracene	330	ND	ND	ND	590	2900 J	270 J	ND UJ	ND UJ	110 J	270 J	79 J	100 J	ND
Chrysene	330	ND	ND	ND	720	2600 J	330 J	110 J	ND UJ	150 J	370 J	110 J	140 J	ND
bis(2-ethylhexyl)phthalate	330	1200 *	230 *	1900 *	140 *	ND UJ	150 *	ND UJ	ND UJ	ND UJ	1500 *	ND UJ	400 *	350 *
Di-n-octyl phthalate	330	ND	ND	ND	ND	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo(b)Fluoranthene	330	670 J	130 J	ND	1200 J	5200 J	490 J	210 J	ND UJ	190 J	460 J	130 J	170 J	ND
Benzo(k)Fluoranthene	330	670 J	130 J	ND	1200 J	5200 J	490 J	210 J	ND UJ	190 J	460 J	130 J	170 J	ND
Benzo(a)pyrene	330	ND	ND	ND	540	2600 J	270 J	100 J	ND UJ	ND UJ	ND UJ	98 J	92 J	ND
Indeno(1,2,3-c,d)pyrene	330	ND	ND	ND	240 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Dibenzo(a,h)anthracene	330	ND	ND	ND	65 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Benzo(g,h,i)perylene	330	ND	ND	ND	190 J	850 J	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND UJ	ND
Quantitation Limit Multiplier		16.7	3.3	19.1	1.5	5.2	2.7	2.7	1.2	1.7	7.9	1.8	1.5	10.0

NOTES:

ND Compound was not detected.

B This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SEMIVOLATILES

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-13	SS-14	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
Phenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(Chloroethyl)ether	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	330	ND	ND	ND	440 J	ND	ND	ND	ND	ND
Benzyl alcohol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(Chloroisopropyl)ether	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methylphenol	330	ND	ND	130 J	ND	ND	600 J	ND	110 J	390 J
N-Nitroso-di-n-propylamine	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic acid	1600	11000 J	ND	910 J	5600 J	ND	900 J	12000 J	ND BJ	ND
bis(Chloroethoxy)methane	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	330	ND	ND	ND	330 J	ND	170 J	ND	53 J	ND
4-Chloroaniline	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	330	ND	ND	ND	ND	ND	120 J	ND	63 J	ND
Hexachlorocyclopentadiene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	330	ND	ND	ND	ND	ND	ND	ND	ND	400 J
2,6-Dinitrotoluene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		9.7	10.6	1.4	6.7	13.0	3.3	16.7	1.5	9.7

NOTES:

ND Compound was not detected.

B This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

BJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SEMIVOLATILES

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-13	SS-14	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
Acenaphthene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	330	ND	ND	ND	2200 B	ND	ND	ND	500 B	ND
4-Chlorophenylphenylether	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	330	ND	ND	95 J	ND	ND	ND	ND	ND	ND
4-Nitroaniline	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenylphenylether	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1600	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	330	660 J	ND	170 J	420 J	560 J	640 J	ND	81 J	1500 J
Anthracene	330	ND	ND	ND	ND	ND	140 J	ND	ND	460 J
Di-n-butylphthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	330	1200 J	ND	140 J	720 J	790 J	670 J	ND	170 J	3500
Pyrene	330	1000 J	ND	91 J	670 J	680 J	600 J	ND	150 J	2700 J
Butylbenzyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	660	ND	ND	ND	ND UJ	ND	ND	ND	ND UJ	ND
Benzo(a)anthracene	330	560 J	ND	ND	360 J	ND	310 J	ND	88 J	ND
Chrysene	330	680 J	ND	ND	440 J	ND	330 J	ND	92 J	2000 J
bis(2-ethylhexyl)phthalate	330	ND	ND	71 *	890 *	970 *	120 *	1800 *	60 *	600 *
Di-n-octyl phthalate	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)Fluoranthene	330	940 J	ND	47 J	640 J	520 J	500 J	ND	140 J	3300 J
Benzo(k)Fluoranthene	330	940 J	ND	47 J	640 J	520 J	500 J	ND	140 J	3300 J
Benzo(a)pyrene	330	570 J	ND	ND	360 J	ND	290 J	ND	68 J	1100 J
Indeno(1,2,3-c,d)pyrene	330	380 J	ND	ND	ND	ND	180 J	ND	54 J	940 J
Dibenzo(a,h)anthracene	330	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	330	470 J	ND	ND	ND	ND	180 J	ND	ND	ND
Quantitation Limit Multiplier		9.7	10.6	1.4	6.7	13.8	3.3	16.7	1.5	9.7

NOTES:

ND Compound was not detected.

B This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-1	SS-2	SS-3	SS-4	SS-5	SS-6	SS-7	SS-8	SS-9	SS-9A	SS-10	SS-10D	SS-11	SS-12
alpha - BHC	8.0	[illegible]													
beta - BHC	8.0														
delta - BHC	8.0														
gamma - BHC	8.0														
Heptachlor	8.0														
Aldrin	8.0														
Heptachlor epoxide	8.0														
Endosulfan I	8.0														
Dieldrin	16.0														
4,4'-DDE	16.0														
Endrin	16.0														
Endosulfan II	16.0														
4,4'-DDD	16.0														
Endosulfan sulfate	16.0														
4,4'-DDT	16.0														
Endrin ketone	16.0														
Methoxychlor	80.0														
Chlordane	80.0														
Toxaphene	160														
Aroclor-1016	80.0														
Aro 1221	80.0														
Aro...-1232	80.0														
Aroclor-1242	80.0														
Aroclor-1248	80.0														
Aroclor-1254	160														
Aroclor-1260	160														
Quantitation Limit Multiplier		138	27.5	78.8	5.9	10.6	10.9	6.1	1.3	6.8	1.3	16.3	3.8	3.0	20.0

NOTES:

ND Compound was not detected.

U This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

ORGANOCHLORINE PEST./PCBs

SALEM ACRES RI/FS SEDIMENT SAMPLE RESULTS APRIL, 1989	QUANTITATION LIMIT (ug/kg)	SS-13	SS-14	SS-15	SS-16	SS-17	SS-18	SS-19	SS-20	SS-21
alpha - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
beta - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
delta - BHC	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
gamma - BHC	8.0	260000 *	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aldrin	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	8.0	10000 *	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan I	8.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDE	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan II	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDD	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan sulfate	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,4'-DDT	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin ketone	16.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlordane	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tox[illegible]e	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1016	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	160	ND	ND	ND	ND	ND	ND	ND	ND	ND
Quantitation Limit Multiplier		413	25.0	3.0	38.0	162500	13.0	67.5	6.0	28.0

NOTES:

ND Compound was not detected.

B This analyte should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was analyzed but was not detected. The sample quantitation limit is an estimated quantity.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Unreliable result - Analyte may or may not be present in the sample.

MGI FISH AND TURTLE TISSUE ANALYSIS DATA

Environmental Standards, Inc.

Specialists in Environmental Risk Assessment and Data Validation

The Commons at Valley Forge, Unit 4, 1220 Valley Forge Rd.
P.O. Box 911, Valley Forge, PA 19481 (215) 935-5577

QUALITY ASSURANCE REVIEW

SALEM ACRES - TISSUE SAMPLES

August 28, 1990

Prepared for:

MAGUIRE GROUP, INC.
225 Foxborough Boulevard
Foxborough, MA 02035

Prepared by:

ENVIRONMENTAL STANDARDS, INC.
1220 Valley Forge Road
P.O. Box 911
Valley Forge, PA 19481

SECTION 2

ANALYTICAL RESULTS

A. ORGANIC DATA

SALEN ACRES RI/FS FISH TISSUE/PLANT SAMPLE RESULTS NOVEMBER, 1988	QUANTITATION LIMIT (ug/Kg)	FISH TISSUE WA-1	FISH TISSUE WA-4	PLANT
4,4'-DDE	16	24	12 J	ND
4,4'-DDD	16	23	9.2 J	ND
4,4'-DDT	16	ND	ND	ND
Aroclor-1016	80	ND	ND	ND
Aroclor-1221	80	ND	ND	ND
Aroclor-1232	80	ND	ND	ND
Aroclor-1242	80	ND	ND	ND
Aroclor-1248	80	ND	ND	ND
Aroclor-1254	160	90	86	ND
Aroclor-1260	160	ND	ND	ND
Quantitation Limit Multiplier		1.0	1.0	1.0

ND Compound was not detected.

U This compound should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

SALEM ACRES RI/FS TISSUE SAMPLE RESULTS JUNE, 1989	QUANTITATION LIMIT (ug/kg)	WETLAND #1 SUNFISH	WETLAND #1 TURTLES	WETLAND #4 FISH	WETLAND #4 TURTLES
Phenol	330	ND *	ND *	ND *	ND *
bis(2-Chloroethyl)ether	330	ND *	ND *	ND	ND
2-Chlorophenol	330	ND *	ND *	ND *	ND *
1,3-Dichlorobenzene	330	ND *	ND *	ND	ND
1,4-Dichlorobenzene	330	ND *	ND *	ND	ND
1,2-Dichlorobenzene	330	ND *	ND *	ND	ND
bis(2-Chloroisopropyl)ether	330	ND *	ND *	ND	ND
N-Nitroso-di-n-propylamine	330	ND *	ND *	ND	ND
Hexachloroethane	330	ND *	ND *	ND	ND
Nitrobenzene	330	ND *	ND *	ND	ND
Isophorone	330	ND *	ND *	ND	ND
2-Nitrophenol	330	ND *	ND *	ND *	ND *
2,4-Dimethylphenol	330	ND *	ND *	ND *	ND *
bis(2-Chloroethoxy)methane	330	ND *	ND *	ND	ND
2,4-Dichlorophenol	330	ND *	ND *	ND *	ND *
1,2,4-Trichlorobenzene	330	ND *	ND *	ND	ND
Napthalene	330	ND *	ND *	ND	ND
Hexachlorobutadiene	330	ND *	ND *	ND	ND
4-Chloro-3-methylphenol	330	ND *	ND *	ND *	ND *
Hexachlorocyclopentadiene	330	ND *	ND *	ND	ND
2,4,6-Trichlorophenol	330	ND *	ND *	ND *	ND *
2-Chloronapthalene	330	ND *	ND *	ND	ND
Dimethyl phthalate	330	ND *	ND *	ND	ND
Acenaphthylene	330	ND *	ND *	ND	ND
2,6-Dinitrotoluene	330	ND *	ND *	ND UJ	ND UJ
Quantitation Limit Multiplier		1.5	1.3	1.5	1.5

NOTES:

ND Compound was not detected.

U This compound should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

TISSUE RESULTS - SEMIVOLATILES -page 3 of 4

SALEM ACRES RI/FS

TISSUE SAMPLE RESULTS JUNE, 1989	QUANTITATION LIMIT (ug/kg)	WETLAND #1 SUNFISH	WETLAND #1 TURTLES	WETLAND #4 FISH	WETLAND #4 TURTLES
Acenaphthene	330	ND *	ND *	ND	ND
2,4-Dinitrophenol	1600	ND *	ND *	ND *	ND *
4-Nitrophenol	1600	ND *	ND *	ND *	ND *
2,4-Dinitrotoluene	330	ND *	ND *	ND	ND
Diethylphthalate	330	ND *	ND *	ND	ND
4-Chlorophenylphenylether	330	ND *	ND *	ND	ND
Fluorene	330	ND *	ND *	ND	ND
4,6-Dinitro-2-methylphenol	1600	ND *	ND *	ND *	ND *
N-Nitrosodiphenylamine	330	ND *	ND *	ND	ND
4-Bromophenylphenyl ether	330	ND *	ND *	ND	ND
Hexachlorobenzene	330	ND *	ND *	ND	ND
Pentachlorophenol	1600	ND *	ND *	ND *	ND *
Phenanthrene	330	ND *	ND *	ND	ND
Antracene	330	ND *	ND *	ND	ND
Di-n-butylphthalate	330	ND *	ND *	ND	ND
Fluoranthene	330	ND *	ND *	ND	ND
Pyrene	330	ND *	ND *	ND	ND
Butyl benzyl phthalate	330	ND *	ND *	ND	ND
3,3'-Dichlorobenzidine	660	ND *	ND *	ND	ND
Benzo(a)anthracene	330	ND *	ND *	ND	ND
Chrysene	330	ND *	ND *	ND	ND
bis (2-Ethylhexyl)phthalate	330	ND *	ND *	ND	ND
Di-n-octyl phthalate	330	ND *	ND *	ND	ND
Benzo (b) Fluoranthene	330	ND *	ND *	ND	ND
Benzo (k) Fluoranthene	330	ND *	ND *	ND	ND
Benzo (a) pyrene	330	ND *	ND *	ND	ND
Indeno (1,2,3-c,d)pyrene	330	ND *	ND *	ND	ND
Dibenzo (a,h) anthracene	330	ND *	ND *	ND	ND
Benzo (g,h,i) perylene	330	ND *	ND *	ND	ND
Quantitation Limit Multiplier		1.5	1.3	1.5	1.5

ND Compound was not detected.

U This compound should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This compound was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

SALEM ACRES RI/FS FISH TISSUE/PLANT SAMPLE RESULTS JUNE, 1989	QUANTITATION LIMIT (ug/kg)	WETLAND 01 SUNFISH	WETLAND 01 TURTLES	WETLAND 04 FISH	WETLAND 04 TURTLES
alpha - BHC	8.0	ND	ND	ND	ND
beta - BHC	8.0	ND	ND	ND	ND
delta - BHC	8.0	ND	ND	ND	ND
gamma - BHC	8.0	ND	ND	ND	ND
Heptachlor	8.0	ND	ND	ND	ND
Aldrin	8.0	ND	ND	ND	ND
Heptachlor epoxide	8.0	ND	ND	ND	ND
Endosulfan I	8.0	ND	ND	ND	ND
Dieldrin	16	ND	ND	ND	ND
4,4'-DDE	16	42 J	15 J	43 J	91 J
Endrin	16	ND	ND	ND	ND
Endosulfan II	16	ND	ND	ND	ND
4,4'-DDD	16	ND	ND	ND	ND
Endosulfan sulfate	16	ND	ND	ND	ND
4,4'-DDT	16	ND	ND	ND	ND
Endrin aldehyde	16	ND	ND	ND	ND
Methoxychlor	80	ND	ND	ND	ND
Chlordane	80	ND	ND	ND	ND
Toxaphene	160	ND	ND	ND	ND
Aroclor-1016	80	ND	ND	ND	ND
Aroclor-1221	80	ND	ND	ND	ND
Aroclor-1232	80	ND	ND	ND	ND
Aroclor-1242 *	80	ND	ND	ND	ND
Aroclor-1248	80	ND	ND	ND	ND
Aroclor-1254	80	ND	ND	ND	ND
Aroclor-1260	160	190	76 J	240	550
Quantitation Limit Multiplier		1.0	1.0	1.0	1.0

ND Compound was not detected.

U This compound should be considered "not detected" since it was detected in a *blank at a similar concentration* level.

UJ This compound was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

SALEM ACRES RI/FS FISH TISSUE/PLANT SAMPLE RESULTS JUNE, 1989	REPORTING LIMIT (mg/kg)	WETLAND #1 SUNFISH	WETLAND #1 TURTLES	WETLAND #4 FISH	WETLAND #4 TURTLES
Aluminum	10.0	ND	39	ND	ND
Antimony	5.0	ND	ND	ND	ND
Arsenic	0.5	ND	ND	ND	ND
Barium	1.0	ND	71	ND	111
Beryllium	0.2	ND	ND	ND	ND
Cadmium	0.5	ND	ND	ND	ND
Calcium	10.0	2190	516	2870	446
Chromium	1.0	ND	ND	ND	ND
Cobalt	1.0	ND	ND	ND	ND
Copper	1.0	ND	1.0	ND	1.0
Iron	10.0	15	546	26	266
Lead	5.0	ND	ND	ND	ND
Magnesium	20.0	124	197	119	155
Manganese	1.0	3.0	142	4.0	77
Mercury	0.01	0.03	ND	0.09	0.03
Nickel	4.0	ND	ND	ND	ND
Potassium	500	1430	1200	1040	853
Selenium	0.5	ND	ND UJ	ND UJ	ND UJ
Silver	1.0	ND	ND	ND	ND
Sodium	500	ND	1660	ND	1340
Thallium	1.0	ND UJ	ND UJ	ND UJ	ND UJ
Vanadium	1.0	ND	ND	ND	ND
Zinc	1.0	9.0	10	6.0	10
Quantitation Limit Multiplier		1.0	1.0	1.0	1.0

ND Element was not detected.

U This element should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.

SALEM ACRES RI/FS FISH TISSUE/PLANT SAMPLE RESULTS NOVEMBER, 1989	QUANTITATION LIMIT (mg/kg)	FISH TISSUE WA-1	FISH TISSUE WA-4	PLANT
Aluminum	10.0	ND	ND	120
Antimony	5.0	ND	ND	ND
Arsenic	2.5	ND	ND	0.44 J
Barium	0.5	2.8	1.6	44
Beryllium	0.1	ND	ND	ND
Cadmium	0.025	ND	ND	0.053
Calcium	10.0	17000	17800	1100
Chromium	1.0	ND	ND	ND
Cobalt	1.0	ND	ND	1.0
Copper	1.0	ND	ND	1.0
Iron	10.0	45	40	1300
Lead	0.25	ND	0.32 J	1.6
Magnesium	10.0	500	500	150
Manganese	0.5	15	9.9	1100
Mercury	0.01	0.056 J	0.15 J	0.021 J
Nickel	4.0	ND	ND	ND
Potassium	500	2600	2700	130
Selenium	0.25	0.36 J	ND UJ	ND UJ
Silver	0.5	ND	ND	ND
Sodium	50.0	1300	1200	82
Thallium	0.25	ND UJ	ND	ND
Vanadium	1.0	ND	ND	2.0
Zinc	1.0	43	41	26
Quantitation Limit Multiplier		1.0	1.0	1.0

ND Element was not detected

U This element should be considered "not detected" since it was detected in a blank at a similar concentration level.

UJ This element was not detected, but the detection limit should be considered estimated based upon a bias identified during the quality assurance review.

J The quantitation is approximate due to limitations identified during the quality assurance review (data validation).

* Result rejected.