

April 22, 2009 10:02:59AM

Client: Micah Group, LLC (13872)  
592 Eureka Springs Drive Ste 101  
Lexington, KY 40517  
Attn: Dave Joslyn

Work Order: NSD1272  
Project Name: Mayking Release  
Project Nbr: [none]  
P/O Nbr:  
Date Received: 04/15/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Station 1	NSD1272-01	04/13/09 16:00
Station 2	NSD1272-02	04/13/09 16:05
Station 3	NSD1272-03	04/13/09 16:10
Station 4	NSD1272-04	04/13/09 16:15
Station 5	NSD1272-05	04/13/09 16:20
Station 6	NSD1272-06	04/13/09 16:30
Station 7	NSD1272-07	04/13/09 16:45
Station 8	NSD1272-08	04/13/09 17:10
Station 9	NSD1272-09	04/13/09 16:55

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

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Additional Laboratory Comments:  
Partial report. 525.2 is incomplete.  
Kentucky Certification Number: 90038

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Cathy Gartner

Project Management

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 Received: 04/15/09 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-01 (Station 1 - Water) Sampled: 04/13/09 16:00</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	6.25	1	04/17/09 12:48	EPA 1664A	9042450
PAH compounds by Semivolatiles GCMS								
Acenaphthene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Acenaphthylene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Anthracene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Benzo (a) anthracene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Benzo (a) pyrene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Benzo (b) fluoranthene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Benzo (g,h,i) perylene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Benzo (k) fluoranthene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Chrysene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Dibenz (a,h) anthracene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Fluoranthene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Fluorene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Indeno (1,2,3-cd) pyrene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Naphthalene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Phenanthrene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Pyrene	ND		ug/L	9.62	1	04/16/09 22:24	EPA 625	9042217
Surr: Terphenyl-d14 (10-100%)	66 %					04/16/09 22:24	EPA 625	9042217
Surr: 2-Fluorobiphenyl (19-120%)	71 %					04/16/09 22:24	EPA 625	9042217
Surr: Nitrobenzene-d5 (10-134%)	70 %					04/16/09 22:24	EPA 625	9042217

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 Received: 04/15/09 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-02 (Station 2 - Water) Sampled: 04/13/09 16:05</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	5.62	1	04/21/09 08:18	EPA 1664A	9042643
PAH compounds by Semivolatiles GCMS								
Acenaphthene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Acenaphthylene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Anthracene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Benzo (a) anthracene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Benzo (a) pyrene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Benzo (b) fluoranthene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Benzo (g,h,i) perylene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Benzo (k) fluoranthene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Chrysene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Dibenz (a,h) anthracene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Fluoranthene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Fluorene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Indeno (1,2,3-cd) pyrene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Naphthalene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Phenanthrene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Pyrene	ND		ug/L	9.52	1	04/16/09 22:46	EPA 625	9042217
Surr: Terphenyl-d14 (10-100%)	74 %					04/16/09 22:46	EPA 625	9042217
Surr: 2-Fluorobiphenyl (19-120%)	80 %					04/16/09 22:46	EPA 625	9042217
Surr: Nitrobenzene-d5 (10-134%)	80 %					04/16/09 22:46	EPA 625	9042217

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## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-03 (Station 3 - Water) Sampled: 04/13/09 16:10</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	5.49	1	04/21/09 08:18	EPA 1664A	9042643
PAH compounds by Semivolatiles GCMS								
Acenaphthene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Acenaphthylene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Anthracene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Benzo (a) anthracene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Benzo (a) pyrene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Benzo (b) fluoranthene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Benzo (g,h,i) perylene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Benzo (k) fluoranthene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Chrysene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Dibenz (a,h) anthracene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Fluoranthene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Fluorene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Indeno (1,2,3-cd) pyrene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Naphthalene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Phenanthrene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Pyrene	ND		ug/L	9.52	1	04/16/09 23:07	EPA 625	9042217
Surr: Terphenyl-d14 (10-100%)	65 %					04/16/09 23:07	EPA 625	9042217
Surr: 2-Fluorobiphenyl (19-120%)	68 %					04/16/09 23:07	EPA 625	9042217
Surr: Nitrobenzene-d5 (10-134%)	67 %					04/16/09 23:07	EPA 625	9042217

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## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-04 (Station 4 - Water) Sampled: 04/13/09 16:15</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	6.25	1	04/21/09 08:18	EPA 1664A	9042643
PAH compounds by Semivolatiles GCMS								
Acenaphthene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Acenaphthylene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Anthracene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Benzo (a) anthracene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Benzo (a) pyrene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Benzo (b) fluoranthene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Benzo (g,h,i) perylene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Benzo (k) fluoranthene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Chrysene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Dibenz (a,h) anthracene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Fluoranthene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Fluorene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Indeno (1,2,3-cd) pyrene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Naphthalene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Phenanthrene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Pyrene	ND		ug/L	9.52	1	04/16/09 23:29	EPA 625	9042217
Surr: Terphenyl-d14 (10-100%)	69 %					04/16/09 23:29	EPA 625	9042217
Surr: 2-Fluorobiphenyl (19-120%)	71 %					04/16/09 23:29	EPA 625	9042217
Surr: Nitrobenzene-d5 (10-134%)	68 %					04/16/09 23:29	EPA 625	9042217

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## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-05 (Station 5 - Water) Sampled: 04/13/09 16:20</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	5.56	1	04/21/09 08:18	EPA 1664A	9042643
PAH compounds by Semivolatiles GCMS								
Acenaphthene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Acenaphthylene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Anthracene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Benzo (a) anthracene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Benzo (a) pyrene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Benzo (b) fluoranthene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Benzo (g,h,i) perylene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Benzo (k) fluoranthene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Chrysene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Dibenz (a,h) anthracene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Fluoranthene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Fluorene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Naphthalene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Phenanthrene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Pyrene	ND		ug/L	10.0	1	04/16/09 23:50	EPA 625	9042217
Surr: Terphenyl-d14 (10-100%)	60 %					04/16/09 23:50	EPA 625	9042217
Surr: 2-Fluorobiphenyl (19-120%)	73 %					04/16/09 23:50	EPA 625	9042217
Surr: Nitrobenzene-d5 (10-134%)	72 %					04/16/09 23:50	EPA 625	9042217

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## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-06 (Station 6 - Water) Sampled: 04/13/09 16:30</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	5.43	1	04/21/09 08:18	EPA 1664A	9042643
PAH compounds by Semivolatiles GCMS								
Acenaphthene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Acenaphthylene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Anthracene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Benzo (a) anthracene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Benzo (a) pyrene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Benzo (b) fluoranthene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Benzo (g,h,i) perylene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Benzo (k) fluoranthene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Chrysene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Dibenz (a,h) anthracene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Fluoranthene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Fluorene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Indeno (1,2,3-cd) pyrene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Naphthalene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Phenanthrene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Pyrene	ND		ug/L	9.71	1	04/17/09 00:12	EPA 625	9042217
Surr: Terphenyl-d14 (10-100%)	64 %					04/17/09 00:12	EPA 625	9042217
Surr: 2-Fluorobiphenyl (19-120%)	68 %					04/17/09 00:12	EPA 625	9042217
Surr: Nitrobenzene-d5 (10-134%)	66 %					04/17/09 00:12	EPA 625	9042217

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## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-07 (Station 7 - Water) Sampled: 04/13/09 16:45</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	6.41	1	04/21/09 08:18	EPA 1664A	9042643
PAH compounds by Semivolatiles GCMS								
Acenaphthene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Acenaphthylene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Anthracene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Benzo (a) anthracene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Benzo (a) pyrene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Benzo (b) fluoranthene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Benzo (g,h,i) perylene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Benzo (k) fluoranthene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Chrysene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Dibenz (a,h) anthracene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Fluoranthene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Fluorene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Indeno (1,2,3-cd) pyrene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Naphthalene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Phenanthrene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Pyrene	ND		ug/L	9.52	1	04/17/09 00:33	EPA 625	9042217
Surr: Terphenyl-d14 (10-100%)	65 %					04/17/09 00:33	EPA 625	9042217
Surr: 2-Fluorobiphenyl (19-120%)	78 %					04/17/09 00:33	EPA 625	9042217
Surr: Nitrobenzene-d5 (10-134%)	75 %					04/17/09 00:33	EPA 625	9042217

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## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-08 (Station 8 - Water) Sampled: 04/13/09 17:10</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	5.62	1	04/21/09 08:18	EPA 1664A	9042643
PAH compounds by Semivolatiles GCMS								
Acenaphthene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Acenaphthylene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Anthracene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Benzo (a) anthracene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Benzo (a) pyrene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Benzo (b) fluoranthene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Benzo (g,h,i) perylene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Benzo (k) fluoranthene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Chrysene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Dibenz (a,h) anthracene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Fluoranthene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Fluorene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Indeno (1,2,3-cd) pyrene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Naphthalene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Phenanthrene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Pyrene	ND		ug/L	10.5	1	04/17/09 00:54	EPA 625	9042217
Surr: Terphenyl-d14 (10-100%)	67 %					04/17/09 00:54	EPA 625	9042217
Surr: 2-Fluorobiphenyl (19-120%)	76 %					04/17/09 00:54	EPA 625	9042217
Surr: Nitrobenzene-d5 (10-134%)	74 %					04/17/09 00:54	EPA 625	9042217

Client Micah Group, LLC (13872)  
592 Eureka Springs Drive Ste 101  
Lexington, KY 40517  
Attn Dave Joslyn

Work Order: NSD1272  
Project Name: Mayking Release  
Project Number: [none]  
Received: 04/15/09 08:00

## ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
<b>Sample ID: NSD1272-09 (Station 9 - Drinking Water) Sampled: 04/13/09 16:55</b>								
General Chemistry Parameters								
Oil & Grease HEM	ND		mg/L	5.88	1	04/21/09 08:18	EPA 1664A	9042643

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Received: 04/15/09 08:00

### SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
PAH compounds by Semivolatile GCMS							
EPA 625	9042217	NSD1272-01	1040.00	1.00	04/16/09 07:58	CDJ	EPA 625
EPA 625	9042217	NSD1272-02	1050.00	1.00	04/16/09 07:58	CDJ	EPA 625
EPA 625	9042217	NSD1272-03	1050.00	1.00	04/16/09 07:58	CDJ	EPA 625
EPA 625	9042217	NSD1272-04	1050.00	1.00	04/16/09 07:58	CDJ	EPA 625
EPA 625	9042217	NSD1272-05	1000.00	1.00	04/16/09 07:58	CDJ	EPA 625
EPA 625	9042217	NSD1272-06	1030.00	1.00	04/16/09 07:58	CDJ	EPA 625
EPA 625	9042217	NSD1272-07	1050.00	1.00	04/16/09 07:58	CDJ	EPA 625
EPA 625	9042217	NSD1272-08	950.00	1.00	04/16/09 07:58	CDJ	EPA 625

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Work Order: NSD1272  
 Project Name: Mayking Release  
 Project Number: [none]  
 Received: 04/15/09 08:00

**PROJECT QUALITY CONTROL DATA**  
**Blank**

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
<b>General Chemistry Parameters</b>						
<b>9042450-BLK1</b>						
Oil & Grease HEM	<0.833		mg/L	9042450	9042450-BLK1	04/17/09 12:48
<b>9042643-BLK1</b>						
Oil & Grease HEM	<0.833		mg/L	9042643	9042643-BLK1	04/21/09 08:18
<b>PAH compounds by Semivolatile GCMS</b>						
<b>9042217-BLK1</b>						
Acenaphthene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Acenaphthylene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Anthracene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Benzo (a) anthracene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Benzo (a) pyrene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Benzo (b) fluoranthene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Benzo (g,h,i) perylene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Benzo (k) fluoranthene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Chrysene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Dibenz (a,h) anthracene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Fluoranthene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Fluorene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Indeno (1,2,3-cd) pyrene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Naphthalene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Phenanthrene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Pyrene	<1.00		ug/L	9042217	9042217-BLK1	04/16/09 18:04
Surrogate: Terphenyl-d14	71%			9042217	9042217-BLK1	04/16/09 18:04
Surrogate: 2,4,6-Tribromophenol	75%			9042217	9042217-BLK1	04/16/09 18:04
Surrogate: Phenol-d5	24%			9042217	9042217-BLK1	04/16/09 18:04
Surrogate: 2-Fluorobiphenyl	67%			9042217	9042217-BLK1	04/16/09 18:04
Surrogate: 2-Fluorophenol	36%			9042217	9042217-BLK1	04/16/09 18:04
Surrogate: Nitrobenzene-d5	65%			9042217	9042217-BLK1	04/16/09 18:04

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Work Order: NSD1272  
 Project Name: Mayking Release  
 Project Number: [none]  
 Received: 04/15/09 08:00

**PROJECT QUALITY CONTROL DATA**  
**LCS**

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
<b>General Chemistry Parameters</b>								
<b>9042450-BS1</b>								
Oil & Grease HEM	40.0	38.8		mg/L	97%	78 - 114	9042450	04/17/09 12:48
<b>9042643-BS1</b>								
Oil & Grease HEM	40.0	41.5		mg/L	104%	78 - 114	9042643	04/21/09 08:18
<b>PAH compounds by Semivolatile GCMS</b>								
<b>9042217-BS1</b>								
Acenaphthene	50.0	40.8		ug/L	82%	47 - 145	9042217	04/16/09 15:55
Acenaphthylene	50.0	41.7		ug/L	83%	33 - 145	9042217	04/16/09 15:55
Anthracene	50.0	43.7		ug/L	87%	27 - 133	9042217	04/16/09 15:55
Benzo (a) anthracene	50.0	41.9		ug/L	84%	33 - 143	9042217	04/16/09 15:55
Benzo (a) pyrene	50.0	43.7		ug/L	87%	17 - 163	9042217	04/16/09 15:55
Benzo (b) fluoranthene	50.0	40.4		ug/L	81%	24 - 159	9042217	04/16/09 15:55
Benzo (g,h,i) perylene	50.0	40.0		ug/L	80%	10 - 219	9042217	04/16/09 15:55
Benzo (k) fluoranthene	50.0	44.5		ug/L	89%	11 - 162	9042217	04/16/09 15:55
Chrysene	50.0	41.8		ug/L	84%	17 - 168	9042217	04/16/09 15:55
Dibenz (a,h) anthracene	50.0	43.4		ug/L	87%	10 - 227	9042217	04/16/09 15:55
Fluoranthene	50.0	41.7		ug/L	83%	26 - 137	9042217	04/16/09 15:55
Fluorene	50.0	41.6		ug/L	83%	59 - 121	9042217	04/16/09 15:55
Indeno (1,2,3-cd) pyrene	50.0	43.4		ug/L	87%	10 - 171	9042217	04/16/09 15:55
Naphthalene	50.0	35.9		ug/L	72%	21 - 133	9042217	04/16/09 15:55
Phenanthrene	50.0	41.4		ug/L	83%	54 - 120	9042217	04/16/09 15:55
Pyrene	50.0	41.0		ug/L	82%	52 - 115	9042217	04/16/09 15:55
Surrogate: Terphenyl-d14	50.0	36.4			73%	10 - 100	9042217	04/16/09 15:55
Surrogate: 2,4,6-Tribromophenol	50.0	37.1			74%	10 - 140	9042217	04/16/09 15:55
Surrogate: Phenol-d5	50.0	13.2			26%	10 - 100	9042217	04/16/09 15:55
Surrogate: 2-Fluorobiphenyl	50.0	38.6			77%	19 - 120	9042217	04/16/09 15:55
Surrogate: 2-Fluorophenol	50.0	20.1			40%	10 - 100	9042217	04/16/09 15:55
Surrogate: Nitrobenzene-d5	50.0	34.0			68%	10 - 134	9042217	04/16/09 15:55

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Work Order: NSD1272  
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 Received: 04/15/09 08:00

**PROJECT QUALITY CONTROL DATA**  
**LCS Dup**

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
<b>General Chemistry Parameters</b>												
<b>9042450-BSD1</b>												
Oil & Grease HEM		39.4		mg/L	40.0	98%	78 - 114	2	18	9042450		04/17/09 12:48
<b>9042643-BSD1</b>												
Oil & Grease HEM		41.7		mg/L	40.0	104%	78 - 114	0.5	18	9042643		04/21/09 08:18

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Work Order: NSD1272  
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 Received: 04/15/09 08:00

**PROJECT QUALITY CONTROL DATA**  
**Matrix Spike**

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
<b>General Chemistry Parameters</b>										
<b>9042450-MS1</b>										
Oil & Grease HEM	0.465	46.6	M7	mg/L	40.0	115%	78 - 114	9042450	NSD1038-01	04/17/09 12:48
<b>9042643-MS1</b>										
Oil & Grease HEM	1.59	46.0		mg/L	40.0	111%	78 - 114	9042643	NSD1132-01	04/21/09 08:18
<b>PAH compounds by Semivolatile GCMS</b>										
<b>9042217-MS1</b>										
Acenaphthene	ND	37.8		ug/L	47.2	80%	47 - 145	9042217	NSD1169-01	04/16/09 18:26
Acenaphthylene	ND	38.5		ug/L	47.2	82%	33 - 145	9042217	NSD1169-01	04/16/09 18:26
Anthracene	ND	42.1		ug/L	47.2	89%	27 - 133	9042217	NSD1169-01	04/16/09 18:26
Benzo (a) anthracene	ND	39.2		ug/L	47.2	83%	33 - 143	9042217	NSD1169-01	04/16/09 18:26
Benzo (a) pyrene	ND	41.7		ug/L	47.2	88%	17 - 163	9042217	NSD1169-01	04/16/09 18:26
Benzo (b) fluoranthene	ND	42.6		ug/L	47.2	90%	24 - 159	9042217	NSD1169-01	04/16/09 18:26
Benzo (g,h,i) perylene	ND	36.8		ug/L	47.2	78%	10 - 219	9042217	NSD1169-01	04/16/09 18:26
Benzo (k) fluoranthene	ND	38.1		ug/L	47.2	81%	11 - 162	9042217	NSD1169-01	04/16/09 18:26
Chrysene	ND	41.1		ug/L	47.2	87%	17 - 168	9042217	NSD1169-01	04/16/09 18:26
Dibenz (a,h) anthracene	ND	39.4		ug/L	47.2	84%	10 - 227	9042217	NSD1169-01	04/16/09 18:26
Fluoranthene	ND	41.3		ug/L	47.2	88%	26 - 137	9042217	NSD1169-01	04/16/09 18:26
Fluorene	ND	39.7		ug/L	47.2	84%	59 - 121	9042217	NSD1169-01	04/16/09 18:26
Indeno (1,2,3-cd) pyrene	ND	39.2		ug/L	47.2	83%	10 - 171	9042217	NSD1169-01	04/16/09 18:26
Naphthalene	ND	32.9		ug/L	47.2	70%	21 - 133	9042217	NSD1169-01	04/16/09 18:26
Phenanthrene	ND	39.2		ug/L	47.2	83%	54 - 120	9042217	NSD1169-01	04/16/09 18:26
Pyrene	ND	38.9		ug/L	47.2	83%	52 - 115	9042217	NSD1169-01	04/16/09 18:26
Surrogate: Terphenyl-d14		33.8		ug/L	47.2	72%	10 - 100	9042217	NSD1169-01	04/16/09 18:26
Surrogate: 2,4,6-Tribromophenol		35.7		ug/L	47.2	76%	10 - 140	9042217	NSD1169-01	04/16/09 18:26
Surrogate: Phenol-d5		11.3		ug/L	47.2	24%	10 - 100	9042217	NSD1169-01	04/16/09 18:26
Surrogate: 2-Fluorobiphenyl		34.1		ug/L	47.2	72%	19 - 120	9042217	NSD1169-01	04/16/09 18:26
Surrogate: 2-Fluorophenol		17.1		ug/L	47.2	36%	10 - 100	9042217	NSD1169-01	04/16/09 18:26
Surrogate: Nitrobenzene-d5		29.7		ug/L	47.2	63%	10 - 134	9042217	NSD1169-01	04/16/09 18:26

Client Micah Group, LLC (13872)  
592 Eureka Springs Drive Ste 101  
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Attn Dave Joslyn

Work Order: NSD1272  
Project Name: Mayking Release  
Project Number: [none]  
Received: 04/15/09 08:00

### CERTIFICATION SUMMARY

#### TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Kentucky
EPA 1664A	Water	N/A	X	N/A
EPA 625	Water	N/A	X	N/A

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### DATA QUALIFIERS AND DEFINITIONS

**M7** The MS and/or MSD were above the acceptance limits. See Blank Spike (LCS).  
**ND** Not detected at the reporting limit (or method detection limit if shown)

### METHOD MODIFICATION NOTES

## COOLER RECEIPT



Cooler Received/Opened On 4/15/09 @ 8:00

NSD1272

1. Tracking # 5894 (last 4 digits, FedEx)

Courier: Fed-Ex IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 2.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES NO NA

If yes, how many and where: \_\_\_\_\_

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES NO NA

I certify that I opened the cooler and answered questions 1-6 (initial) \_\_\_\_\_

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubble wrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES NO NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES NO...NA If multiple coolers, sequence # #1

I certify that I unloaded the cooler and answered questions 7-14 (initial) \_\_\_\_\_

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) \_\_\_\_\_

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) \_\_\_\_\_

I certify that I attached a label with the unique LIMS number to each container (initial) \_\_\_\_\_

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# \_\_\_\_\_

## COOLER RECEIPT FORM

Cooler Received/Opened On 4/15/2009 @ 0800

**NSD1272**  
04/20/09 23:59

1. Tracking # 5883 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97460373

2. Temperature of rep. sample or temp blank when opened: 0.4 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO... NA

4. Were custody seals on outside of cooler? YES... NO...NA

If yes, how many and where: \_\_\_\_\_

5. Were the seals intact, signed, and dated correctly? YES...NO... NA

6. Were custody papers inside cooler?  YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) \_\_\_\_\_

7. Were custody seals on containers: YES  (NO) and Intact YES...NO... NA

Were these signed and dated correctly? YES...NO... NA

8. Packing mat'l used?  Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process:  Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)?  YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)?  YES...NO...NA

12. Did all container labels and tags agree with custody papers?  YES...NO...NA

13a. Were VOA vials received? YES... NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO... NA

14. Was there a Trip Blank in this cooler? YES... NO...NA If multiple coolers, sequence # #2

I certify that I unloaded the cooler and answered questions 7-14 (initial) \_\_\_\_\_

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO... NA

b. Did the bottle labels indicate that the correct preservatives were used?  YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here \_\_\_\_\_

16. Was residual chlorine present? YES...NO... NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) \_\_\_\_\_

17. Were custody papers properly filled out (ink, signed, etc)?  YES...NO...NA

18. Did you sign the custody papers in the appropriate place?  YES...NO...NA

19. Were correct containers used for the analysis requested?  YES...NO...NA

20. Was sufficient amount of sample sent in each container?  YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) \_\_\_\_\_

I certify that I attached a label with the unique LIMS number to each container (initial) \_\_\_\_\_

21. Were there Non-Conformance issues at login?  YES  NO Was a PIPE generated? YES... NO...# \_\_\_\_\_

