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APPENDIX B
LABORATORY ANALYTICAL RESULTS

BONNER ANALYTICAL TESTING COMPANY

2703 OAK GROVE ROAD, HATTIESBURG, MS 39402
PHONE: (601) 264-2854 FAX: (601) 268-7084

CASE NARRATIVE: Hercules

Dioxathion analysis by HPLC

Samples were collected by the client and received at BATCO on 5/10/06 from Hercules. Fourteen water samples were collected and given ID#s BT35773-BT35786.

The samples were extracted and then analyzed on a High Performance Liquid Chromatograph (HPLC) equipped with diode array and fluorescence detectors.

A method blank, lab control, matrix spike, and matrix spike duplicate were extracted and analyzed under the same conditions as the samples.

Five samples tested positive for dioxenethion. HER-CM05-0506 had a concentration of 11.3 ppb. HER-CM04-0506 had a concentration of 22.7 ppb. HER-CM03-0506 had a connection of 21.6 ppb. HER-MW08-0506 had a concentration of 1720 ppb. HER-FD2-0506 had a concentration of 8.78 ppb. All samples were non-detect for cis and trans-dioxathion.

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Michael S. Bonner, PhD.

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CASE NARRATIVE: Hercules

Dioxathion analysis by HPLC

Samples were collected by the client and received at BATCO on 5/11/06 from Hercules. Eight water samples were collected and given ID#s BT35787-BT35794.

The samples were extracted and then analyzed on a High Performance Liquid Chromatograph (HPLC) equipped with diode array and fluorescence detectors.

A method blank, lab control, matrix spike, and matrix spike duplicate were extracted and analyzed under the same conditions as the samples.

One sample tested positive for dioxenethion. HER-MW04-0506 had a concentration of 28.8 ppb. All samples were non-detect for cis and trans dioxathion.

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CASE NARRATIVE: Hercules

Dioxathion analysis by HPLC

Samples were collected by the client and received at BATCO on 5/11/06 from Hercules. Eight water samples were collected and given ID#s BT35787-BT35794.

The samples were extracted and then analyzed on a High Performance Liquid Chromatograph (HPLC) equipped with diode array and fluorescence detectors.

A method blank, lab control, matrix spike, and matrix spike duplicate were extracted and analyzed under the same conditions as the samples.

One sample tested positive for dioxenethion. HER-MW04-0506 had a concentration of 28.8 ppb. All samples were non-detect for cis and trans dioxathion.

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CASE NARRATIVE: Hercules

Dioxathion analysis by HPLC

Samples were collected by the client and received at BATCO on 5/12/06 from Hercules. Five water samples were collected and given ID#s BT35810-BT35814.

The samples were extracted and then analyzed on a High Performance Liquid Chromatograph (HPLC) equipped with diode array and fluorescence detectors.

A method blank, lab control, matrix spike, and matrix spike duplicate were extracted and analyzed under the same conditions as the samples.

All samples were non-detect for dioxenethion, cis-dioxathion, and trans-dioxathion.

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CASE NARRATIVE: Hercules

Dioxathion analysis by HPLC

Samples were collected by the client and received at BATCO on 5/15/06 from Hercules. Three water samples were collected and given ID#s BT35830-BT35832.

The samples were extracted and then analyzed on a High Performance Liquid Chromatograph (HPLC) equipped with diode array and fluorescence detectors.

A method blank, lab control, matrix spike, and matrix spike duplicate were extracted and analyzed under the same conditions as the samples.

One sample tested positive for dioxenethion. HER-MW17-0506 had a concentration of 3580 ppb. All samples were non-detect for cis and trans dioxathion.

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BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-FD3-0506
File #: BT35832

	Date		Analyst
Collected:	05/15/06	NA	CLEINT
Extracted:	05/17/06	8:40	BJL
Analyzed:	05/19/06	23:20	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.81	5.00	96.2	4.55	5.00	91.0	2.74	5.00	54.8	3.97	5.00	79.4

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BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW08-0506
File #: BT35784

	Date		Analyst
Collected:	05/10/06	13:15	CLEINT
Extracted:	05/16/06	8:30	BJL
Analyzed:	05/22/06	10:12	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	1720			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		58.8	5.00	1720	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW09-0506
File #: BT35830

	Date		Analyst
Collected:	05/15/06	11:45	CLEINT
Extracted:	05/17/06	8:40	BJL
Analyzed:	05/19/06	22:26	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.79	5.00	95.8	4.55	5.00	91.0	2.74	5.00	54.8	3.97	5.00	79.4

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW17-0506
File #: BT35831

Collected: 05/15/06 12:35 CLEINT
Extracted: 05/17/06 8:40 BJL
Analyzed: 05/22/06 10:38 BJL
Date Analyst

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	3560			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		67.5	5.00	1350	4.55	5.00	91.0	2.74	5.00	54.8	3.97	5.00	79.4

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW07-0506
File #: BT35810

	Date		Analyst
Collected:	05/12/06	8:30	CLEINT
Extracted:	05/17/06	8:40	BJL
Analyzed:	05/19/06	19:28	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.13	5.00	62.6	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW13-0506
File #: BT35811

	Date		Analyst
Collected:	05/12/06	9:40	CLEINT
Extracted:	05/17/06	8:40	BJL
Analyzed:	05/19/06	19:53	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug/L	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug/L	METHOD BLANK Spike % Recovery	LAB CONTROL Detected Amount ug/L (ppb)	LAB CONTROL Spike Amount ug/L	LAB CONTROL Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug/L	MATRIX SPIKE Spike % Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.81	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		5.35	5.00	107	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW14-0506
File #: BT35812

	Date		Analyst
Collected:	05/12/06	10:45	CLEINT
Extracted:	05/17/06	8:40	BJL
Analyzed:	05/19/06	20:19	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug/L	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug/L	METHOD BLANK Spike % Recovery	LAB CONTROL Detected Amount ug/L (ppb)	LAB CONTROL Spike Amount ug/L	LAB CONTROL Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug/L	MATRIX SPIKE Spike % Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.45	5.00	89.0	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW16-0506
File #: BT35813

	Date		Analyst
Collected:	05/12/06	11:45	CLEINT
Extracted:	05/17/06	8:40	BJL
Analyzed:	05/19/06	21:37	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.32	5.00	66.4	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-RS3-0506
File #: BT35814

	Date		Analyst
Collected:	05/12/06	10:20	CLEINT
Extracted:	05/17/06	8:40	BJL
Analyzed:	05/19/06	22:02	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug/L	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug/L	METHOD BLANK Spike % Recovery	LAB CONTROL Detected Amount ug/L (ppb)	LAB CONTROL Spike Amount ug/L	LAB CONTROL Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug/L	MATRIX SPIKE Spike % Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.82	5.00	76.4	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-CM00-0506
File #: BT35782

	Date		Analyst
Collected:	05/10/06	10:15	CLEINT
Extracted:	05/16/06	8:30	BJL
Analyzed:	05/18/06	0:08	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	87.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.18	5.00	83.6	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-CM01-0506
File #: BT35781

Collected: 05/10/06 10:00 CLEINT
Extracted: 05/16/06 8:30 BJL
Analyzed: 05/18/06 23:42 BJL
Date Analyst

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike Amount ug/L	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug/L	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug/L	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug/L	Spike % Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.84	5.00	76.8	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-CM02-0506
File #: BT35780

	Date		Analyst
Collected:	05/10/06	9:45	CLEINT
Extracted:	05/16/06	8:30	BJL
Analyzed:	05/18/06	22:25	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.81	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.03	5.00	80.6	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-CM03-0506
File #: BT35779

	Date		Analyst
Collected:	05/10/06	9:25	CLEINT
Extracted:	05/16/06	8:30	BJL
Analyzed:	05/18/06	21:59	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	21.6			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.81	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.73	5.00	74.6	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-CM04-0506
File #: BT35778

	Date		Analyst
Collected:	05/10/06	9:10	CLEINT
Extracted:	05/15/06	9:15	BJL
Analyzed:	05/18/06	20:42	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	22.7			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	118
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.03	5.00	80.6	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-CM05-0506
File #: BT35777

	Date		Analyst
Collected:	05/10/06	8:40	CLEINT
Extracted:	05/15/06	9:15	BJL
Analyzed:	05/18/06	20:16	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

		SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected	Spike		Detected	Spike		Detected	Spike		Detected	Spike	
COMPOUNDS	PQL ug/L (ppb)	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery	Amount ug/L (ppb)	Amount ug/L	% Recovery
Dioxenethion	0.400	11.3			ND			4.45	5.00	89.0	3.39	5.00	87.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.8
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		5.47	5.00	109	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW19-0506
File #: BT35775

Collected: 05/09/06 14:20 CLEINT
Extracted: 05/15/06 9:15 BJL
Analyzed: 05/16/06 17:42 BJL
Date Analyst

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	87.8
Dioxathion (cis)	0.400	ND			ND			4.81	5.00	92.2	3.78	5.00	75.8
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.49	5.00	69.8	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW15-0506
File #: BT35783

	Date		Analyst
Collected:	05/10/06	11:40	CLEINT
Extracted:	05/18/06	8:30	BJL
Analyzed:	05/19/06	14:44	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	67.6
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.8
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		2.93	5.00	58.6	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-FD2-0506
File #: BT35785

	Date		Analyst
Collected:	05/10/06	NA	CLEINT
Extracted:	05/17/06	8:40	BJL
Analyzed:	05/19/06	18:27	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	6.78			ND			4.45	5.00	89.0	3.39	5.00	87.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.8
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.48	5.00	89.6	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-RS2-0508
File #: BT35786

Collected: 05/10/06 11:20 CLEINT
Extracted: 05/17/06 8:40 BJL
Analyzed: 05/19/06 16:53 BJL
Date Analyst

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.00	5.00	80.0	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-FD1-0506
File #: BT35776

	Date		Analyst
Collected:	05/09/06	NA	CLEINT
Extracted:	05/15/06	9:15	BJL
Analyzed:	05/16/06	19:51	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.78	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.09	5.00	61.8	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-RS1-0506
File #: BT35774

	Date		Analyst
Collected:	06/09/06	11:50	CLEINT
Extracted:	06/15/06	9:15	BJL
Analyzed:	06/18/06	17:16	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	87.8
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	3.76	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	118
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.91	5.00	98.2	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW18-0506
File #: BT35773

	Date		Analyst
Collected:	05/09/06	12:00	CLEINT
Extracted:	05/15/06	9:15	BJL
Analyzed:	05/18/06	18:50	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	3.39	5.00	67.8
Dioxathion (cis)	0.400	ND			ND			4.81	5.00	92.2	3.76	5.00	75.6
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	5.79	5.00	116
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.05	5.00	61.0	2.82	5.00	56.4	2.74	5.00	54.8	3.97	5.00	79.4

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW06-0506
File #: BT35794

	Date	Time	Analyst
Collected:	05/11/06	15:15	CLEINT
Extracted:	05/18/06	8:10	BJL
Analyzed:	05/22/06	14:29	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike Amount ug/L	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug/L	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug/L	Spike % Recovery	Detected Amount ug/L (ppb)	Spike Amount ug/L	Spike % Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.78	5.00	75.6	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW12-0506
File #: BT35793

	Date		Analyst
Collected:	05/11/06	14:10	CLEINT
Extracted:	05/18/06	8:10	BJL
Analyzed:	05/22/06	14:04	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		2.84	5.00	56.8	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW05-0506
File #: BT35792

	Date		Analyst
Collected:	05/11/06	13:10	CLEINT
Extracted:	05/18/06	8:10	BJL
Analyzed:	05/22/06	13:38	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.51	5.00	70.2	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW11-0506
File #: BT35791

	Date		Analyst
Collected:	05/11/06	12:05	CLEINT
Extracted:	05/18/06	8:10	BJL
Analyzed:	05/22/06	13:12	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.05	5.00	81.0	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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BONNER ANALYTICAL TESTING COMPANY
QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: **HERCULES**
Sample ID: HER-MW04-0506
File #: BT35790

Collected:	05/11/06	11:15	CLEINT
Extracted:	05/18/06	8:10	BJL
Analyzed:	05/22/06	12:46	BJL
	Date		Analyst

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	28.8			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		4.77	5.00	95.4	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

Certified by: _____
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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW10-0506
File #: BT35789

	Date		Analyst
Collected:	05/11/06	10:30	CLEINT
Extracted:	05/18/06	8:10	BJL
Analyzed:	05/22/06	11:29	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE			METHOD BLANK			LAB CONTROL			MATRIX SPIKE		
		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike		Detected Amount ug/L (ppb)	Spike	
			Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery		Amount ug/L	% Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.61	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.59	5.00	71.8	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

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QUANTITATIVE RESULTS AND QUALITY ASSURANCE DATA
DIOXATHION/ DIOXENETHION HPLC ANALYSIS DATA

Client: HERCULES
Sample ID: HER-MW02-0506
File #: BT35788

	Date		Analyst
Collected:	05/11/06	9:30	CLEINT
Extracted:	05/18/06	8:10	BJL
Analyzed:	05/22/06	11:03	BJL

Sample Type: Water
Extraction Method: SW846 3510C
Analysis Method: Modified SW846

COMPOUNDS	PQL ug/L (ppb)	SAMPLE Detected Amount ug/L (ppb)	SAMPLE Spike Amount ug/L	SAMPLE Spike % Recovery	METHOD BLANK Detected Amount ug/L (ppb)	METHOD BLANK Spike Amount ug/L	METHOD BLANK Spike % Recovery	LAB CONTROL Detected Amount ug/L (ppb)	LAB CONTROL Spike Amount ug/L	LAB CONTROL Spike % Recovery	MATRIX SPIKE Detected Amount ug/L (ppb)	MATRIX SPIKE Spike Amount ug/L	MATRIX SPIKE Spike % Recovery
Dioxenethion	0.400	ND			ND			4.45	5.00	89.0	4.76	5.00	95.2
Dioxathion (cis)	0.400	ND			ND			4.81	5.00	92.2	4.67	5.00	93.4
Dioxathion (trans)	0.400	ND			ND			5.20	5.00	104	4.84	5.00	96.8
SURROGATE COMPOUNDS		Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery	Detected Amount	Spiked Amount	% Recovery
Naphthalene		3.62	5.00	72.4	4.55	5.00	91.0	2.74	5.00	54.8	3.75	5.00	75.0

Certified by: _____
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BONNER ANALYTICAL TESTING COMPANY

SEVERN TRENT STL

ANALYTICAL REPORT

Job Number: 680-16599-1

Job Description: Hercules Hattiesburg May 2006 (HER25080)

For:
EcoSystems Inc
6360 I55 North
Suite 330
Jackson, MS 39211

Attention: Mr. Charles Coney

Lidya Gulizia

Lidya Gulizia
Project Manager I
lgulizia@stl-inc.com
06/21/2006
Revision: 1

Project Manager: Lidya Gulizia

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the STL Project Manager who signed this test report

Client: Hercules Inc.
Date: 06/21/2006

General Chemistry Department

Other Deficiency

Samples were analyzed out of hold for ferrous iron.

Affected Items

680-16599-A-1

Batch: 680-44667
Method: 680-3500_F+2_D_Calc

680-16599-A-1 MS

Batch: 680-44667
Method: 680-3500_F+2_D_Calc

680-16599-A-1 MSD

Batch: 680-44667
Method: 680-3500_F+2_D_Calc

680-16599-A-2

Batch: 680-44667
Method: 680-3500_F+2_D_Calc

680-16599-A-3

Batch: 680-44667
Method: 680-3500_F+2_D_Calc

680-16599-A-4

Batch: 680-44667
Method: 680-3500_F+2_D_Calc

680-16599-A-5

Batch: 680-44667
Method: 680-3500_F+2_D_Calc

METHOD SUMMARY

Client: EcoSystems Inc

Job Number: 680-16599-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL-SAV	SW846 8260B	
Purge-and-Trap	STL-SAV		SW846 5030B
Dissolved Gases in Water	STL-SAV	RSK RSK-175	
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL-SAV	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	STL-SAV		SW846 3005A
Sample Filtration	STL-SAV		FILTRATION
Alkalinity - Titrimetric, pH 4.5	STL-SAV	MCAWW 310.1	
Chloride (Colorimetric, Automated Ferricyanide)	STL-SAV	MCAWW 325.2	
Nitrogen (Ammonia, Colorimetric, Automated Phenate)	STL-SAV	MCAWW 350.1	
Ferrous Iron	STL-SAV	SM18 3500 FE D	
Nitrogen, Nitrate-Nitrite (Colorimetric, Automated, Cadmium Reduction)	STL-SAV	MCAWW 353.2	
Phosphorus, orthophosphate, Colorimetric, Single Reagent	STL-SAV	MCAWW 365.2	
Sulfate (Turbidimetric)	STL-SAV	MCAWW 375.4	
Sulfide (Colorimetric, Methylene Blue)	STL-SAV	MCAWW 376.2	
Total Organic Carbon, Combustion or Oxidation	STL-SAV	MCAWW 415.1	
Phenolics (Spectrophotometric, Manual 4-AAP with Distillation)	STL-SAV	MCAWW 420.1	
Distillation/Phenolics	STL-SAV		Distill/Phenol

LAB REFERENCES:

STL-SAV = STL-Savannah

METHOD REFERENCES:

MCAWW - "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK - Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM18 - "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: EcoSystems Inc

Job Number: 680-16599-1

Method	Analyst	Analyst ID
SW846 8260B	Lawrence, Rodney	RL
RSK RSK-175	Agresta, Maria	MA
SW846 6010B	Bland, Brian	BB
MCAWW 310.1	Case, Tim	TC
MCAWW 325.2	Ross, Jon	JR
MCAWW 350.1	Ross, Jon	JR
SM18 3500 FE D	McDonald, Debbie	DM
MCAWW 353.2	Ross, Jon	JR
MCAWW 365.2	McDonald, Debbie	DM
MCAWW 375.4	Ross, Jon	JR
MCAWW 376.2	Vasquez, Juana	JV
MCAWW 415.1	Blackshear, Kim	KB
MCAWW 420.1	Vasquez, Juana	JV

SAMPLE SUMMARY

Client: EcoSystems Inc

Job Number: 680-16599-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-16599-1	HER-MW07-0506	Water	05/12/2006 0830	05/13/2006 0915
680-16599-2	HER-MW13-0506	Water	05/12/2006 0940	05/13/2006 0915
680-16599-3	HER-MW14-0506	Water	05/12/2006 1045	05/13/2006 0915
680-16599-4	HER-MW16-0506	Water	05/12/2006 1145	05/13/2006 0915
680-16599-5	HER-RS3-0506	Water	05/12/2006 1020	05/13/2006 0915

SAMPLE RESULTS

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW07-0506**

Lab Sample ID: 680-16599-1
Client Matrix: Water

Date Sampled: 05/12/2006 0830
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 0622
Date Prepared: 05/26/2006 0622

Analysis Batch: 680-45723

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2153.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0	*	1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0	*	1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10	*	10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW07-0506**

Lab Sample ID: 680-16599-1
Client Matrix: Water

Date Sampled: 05/12/2006 0830
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 0622
Date Prepared: 05/26/2006 0622

Analysis Batch: 680-45723

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2153.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0	*	1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	77 - 120
Dibromofluoromethane	92	75 - 123
Toluene-d8	94	79 - 122

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW13-0506**

Lab Sample ID: 680-16599-2
Client Matrix: Water

Date Sampled: 05/12/2006 0940
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 0657
Date Prepared: 05/26/2006 0657

Analysis Batch: 680-45723

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2155.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	48		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	110		1.0
Chlorobenzene	5.4		1.0
Chloroethane	<1.0		1.0
Chloroform	33		1.0
Chloromethane	<1.0	*	1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0	*	1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10	*	10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW13-0506**

Lab Sample ID: 680-16599-2
Client Matrix: Water

Date Sampled: 05/12/2006 0940
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 0657
Date Prepared: 05/26/2006 0657

Analysis Batch: 680-45723

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2155.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0	*	1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	77 - 120
Dibromofluoromethane	96	75 - 123
Toluene-d8	93	79 - 122

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW14-0506**

Lab Sample ID: 680-16599-3
Client Matrix: Water

Date Sampled: 05/12/2006 1045
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 0731
Date Prepared: 05/26/2006 0731

Analysis Batch: 680-45723

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2157.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0	*	1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0	*	1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10	*	10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW14-0506**

Lab Sample ID: 680-16599-3
Client Matrix: Water

Date Sampled: 05/12/2006 1045
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 0731
Date Prepared: 05/26/2006 0731

Analysis Batch: 680-45723

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2157.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0	*	1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	77 - 120
Dibromofluoromethane	95	75 - 123
Toluene-d8	92	79 - 122

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW16-0506**

Lab Sample ID: 680-16599-4
Client Matrix: Water

Date Sampled: 05/12/2006 1145
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 0806
Date Prepared: 05/26/2006 0806

Analysis Batch: 680-45723

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2159.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0	*	1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0	*	1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10	*	10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW16-0506**

Lab Sample ID: 680-16599-4
Client Matrix: Water

Date Sampled: 05/12/2006 1145
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 0806
Date Prepared: 05/26/2006 0806

Analysis Batch: 680-45723

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2159.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0	*	1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	77 - 120
Dibromofluoromethane	95	75 - 123
Toluene-d8	91	79 - 122

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-RS3-0506**

Lab Sample ID: 680-16599-5
Client Matrix: Water

Date Sampled: 05/12/2006 1020
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 2008
Date Prepared: 05/26/2006 2008

Analysis Batch: 680-45792

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2197.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
Acetone	<25		25
Acetonitrile	<40		40
Acrolein	<20		20
Acrylonitrile	<20		20
Benzene	<1.0		1.0
Dichlorobromomethane	<1.0		1.0
Bromoform	<1.0		1.0
Bromomethane	<1.0		1.0
Methyl Ethyl Ketone	<10		10
Carbon disulfide	<2.0		2.0
Carbon tetrachloride	<1.0		1.0
Chlorobenzene	<1.0		1.0
Chloroethane	<1.0		1.0
Chloroform	<1.0		1.0
Chloromethane	<1.0		1.0
2-Chloro-1,3-butadiene	<1.0		1.0
3-Chloro-1-propene	<1.0		1.0
Chlorodibromomethane	<1.0		1.0
1,2-Dibromo-3-Chloropropane	<1.0		1.0
Ethylene Dibromide	<1.0		1.0
Dibromomethane	<1.0		1.0
trans-1,4-Dichloro-2-butene	<2.0		2.0
Dichlorodifluoromethane	<1.0		1.0
1,1-Dichloroethane	<1.0		1.0
1,2-Dichloroethane	<1.0		1.0
1,1-Dichloroethene	<1.0		1.0
cis-1,2-Dichloroethene	<1.0		1.0
trans-1,2-Dichloroethene	<1.0		1.0
1,2-Dichloropropane	<1.0		1.0
cis-1,3-Dichloropropene	<1.0		1.0
trans-1,3-Dichloropropene	<1.0		1.0
Ethylbenzene	<1.0		1.0
Ethyl methacrylate	<1.0		1.0
2-Hexanone	<10		10
Iodomethane	<5.0		5.0
Isobutanol	<40		40
Methacrylonitrile	<20		20
Methylene Chloride	<5.0		5.0
Methyl methacrylate	<1.0		1.0
methyl isobutyl ketone	<10		10
Pentachloroethane	<5.0		5.0
Propionitrile	<20		20
Styrene	<1.0		1.0

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-RS3-0506**

Lab Sample ID: 680-16599-5
Client Matrix: Water

Date Sampled: 05/12/2006 1020
Date Received: 05/13/2006 0915

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 05/26/2006 2008
Date Prepared: 05/26/2006 2008

Analysis Batch: 680-45792

Instrument ID: GC/MS Volatiles - O
Lab File ID: o2197.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,1,1,2-Tetrachloroethane	<1.0	*	1.0
1,1,2,2-Tetrachloroethane	<1.0		1.0
Tetrachloroethene	<1.0		1.0
Toluene	<1.0		1.0
1,1,1-Trichloroethane	<1.0		1.0
1,1,2-Trichloroethane	<1.0		1.0
Trichloroethene	<1.0		1.0
Trichlorofluoromethane	<1.0		1.0
1,2,3-Trichloropropane	<1.0		1.0
Vinyl acetate	<2.0		2.0
Vinyl chloride	<1.0		1.0
Xylenes, Total	<2.0		2.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	77 - 120
Dibromofluoromethane	93	75 - 123
Toluene-d8	94	79 - 122

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW07-0506**

Lab Sample ID: 680-16599-1
Client Matrix: Water

Date Sampled: 05/12/2006 0830
Date Received: 05/13/2006 0915

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 05/18/2006 1151
Date Prepared: N/A

Analysis Batch: 680-45001

Instrument ID: GC Volatiles - U FID
Lab File ID: U1829.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	11		0.19

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW13-0506**

Lab Sample ID: 680-16599-2
Client Matrix: Water

Date Sampled: 05/12/2006 0940
Date Received: 05/13/2006 0915

RSK-175 Dissolved Gases In Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 05/18/2006 0106
Date Prepared: N/A

Analysis Batch: 680-45000

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1816.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	3100		0.19

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW14-0506**

Lab Sample ID: 680-16599-3
Client Matrix: Water

Date Sampled: 05/12/2006 1045
Date Received: 05/13/2006 0915

RSK-175 Dissolved Gases In Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 05/18/2006 0123
Date Prepared: N/A

Analysis Batch: 680-45000

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1817.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	10000		0.19

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-MW16-0506**

Lab Sample ID: 680-16599-4
Client Matrix: Water

Date Sampled: 05/12/2006 1145
Date Received: 05/13/2006 0915

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 05/18/2006 0139
Date Prepared: N/A

Analysis Batch: 680-45000

Instrument ID: GC Volatiles - U TCD
Lab File ID: U1818.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	10000		0.19

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: **HER-RS3-0506**

Lab Sample ID: 680-16599-5
Client Matrix: Water

Date Sampled: 05/12/2006 1020
Date Received: 05/13/2006 0915

RSK-175 Dissolved Gases in Water

Method: RSK-175
Preparation: N/A
Dilution: 1.0
Date Analyzed: 05/18/2006 1207
Date Prepared: N/A

Analysis Batch: 680-45001

Instrument ID: GC Volatiles - U FID
Lab File ID: U1830.D
Initial Weight/Volume:
Final Weight/Volume: 1000 uL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Methane	<0.19		0.19

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: HER-MW07-0506

Lab Sample ID: 680-16599-1
Client Matrix: Water

Date Sampled: 05/12/2006 0830
Date Received: 05/13/2006 0915

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/22/2006 2206
Date Prepared: 05/19/2006 1100

Analysis Batch: 680-45380
Prep Batch: 680-45110

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron	<0.050		0.050
Manganese	0.074		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/19/2006 2353
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	0.080		0.010

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: HER-MW13-0506

Lab Sample ID: 680-16599-2
Client Matrix: Water

Date Sampled: 05/12/2006 0940
Date Received: 05/13/2006 0915

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/22/2006 2211
Date Prepared: 05/19/2006 1100

Analysis Batch: 680-45380
Prep Batch: 680-45110

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron	20		0.050
Manganese	0.71		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/20/2006 0007
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	0.72		0.010

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: HER-MW14-0506

Lab Sample ID: 680-16599-3
Client Matrix: Water

Date Sampled: 05/12/2006 1045
Date Received: 05/13/2006 0915

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/22/2006 2216
Date Prepared: 05/19/2006 1100

Analysis Batch: 680-45380
Prep Batch: 680-45110

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron	37		0.050
Manganese	0.49		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/20/2006 0012
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	0.46		0.010

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: HER-MW16-0506

Lab Sample ID: 680-16599-4
Client Matrix: Water

Date Sampled: 05/12/2006 1145
Date Received: 05/13/2006 0915

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/22/2006 2221
Date Prepared: 05/19/2006 1100

Analysis Batch: 680-45380
Prep Batch: 680-45110

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron	72		0.050
Manganese	1.5		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/20/2006 0017
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	1.4		0.010

Client: EcoSystems Inc

Job Number: 680-16599-1

Client Sample ID: HER-RS3-0506

Lab Sample ID: 680-16599-5
Client Matrix: Water

Date Sampled: 05/12/2006 1020
Date Received: 05/13/2006 0915

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 05/22/2006 2225
Date Prepared: 05/19/2006 1100

Analysis Batch: 680-45380
Prep Batch: 680-45110

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Iron	<0.050		0.050
Manganese	<0.010		0.010

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Dissolved

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 06/20/2006 0022
Date Prepared: 06/19/2006 0943

Analysis Batch: 680-47966
Prep Batch: 680-47805

Instrument ID: ICP/AES
Lab File ID: N/A
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	RL
Manganese, Dissolved	<0.010		0.010

Client: EcoSystems Inc

Job Number: 680-16599-1

General Chemistry

Client Sample ID: **HER-MW07-0506**

Lab Sample ID: 680-16599-1
Client Matrix: Water

Date Sampled: 05/12/2006 0830
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	6.3		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45604	Date Analyzed	05/24/2006 1416			
Ammonia	0.064		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1527			
Ferrous Iron	<0.10		mg/L	0.10	1.0	3500 FE D
	Anly Batch: 680-44667	Date Analyzed	05/15/2006 1011			
Nitrogen, Nitrate	1.2		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrate Nitrite	1.2		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Orthophosphate	0.051		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44645	Date Analyzed	05/13/2006 1607			
Sulfate	19		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45571	Date Analyzed	05/24/2006 1147			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44800	Date Analyzed	05/15/2006 1650			
Total Organic Carbon	1.8		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45442	Date Analyzed	05/22/2006 1028			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Client: EcoSystems Inc

Job Number: 680-16599-1

General Chemistry

Client Sample ID: **HER-MW07-0506**

Lab Sample ID: 680-16599-1
Client Matrix: Water

Date Sampled: 05/12/2006 0830
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	<1.0		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			
Carbon dioxide	<1.0		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			

General Chemistry

Client Sample ID: HER-MW13-0506

Lab Sample ID: 680-16599-2
Client Matrix: Water

Date Sampled: 05/12/2006 0940
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	15		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45604	Date Analyzed	05/24/2006 1439			
Ammonia	1.2		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1527			
Ferrous Iron	13		mg/L	0.50	5.0	3500 FE D
	Anly Batch: 680-44667	Date Analyzed	05/15/2006 1011			
Nitrogen, Nitrate	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrate Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Orthophosphate	0.060		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44645	Date Analyzed	05/13/2006 1607			
Sulfate	21		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45571	Date Analyzed	05/24/2006 0856			
Sulfide	0.17		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44800	Date Analyzed	05/15/2006 1650			
Total Organic Carbon	22		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45442	Date Analyzed	05/22/2006 1028			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

General Chemistry

Client Sample ID: **HER-MW13-0506**

Lab Sample ID: 680-16599-2
Client Matrix: Water

Date Sampled: 05/12/2006 0940
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	240		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			
Carbon dioxide	220		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			

General Chemistry

Client Sample ID: HER-MW14-0506

Lab Sample ID: 680-16599-3
Client Matrix: Water

Date Sampled: 05/12/2006 1045
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	30		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45604	Date Analyzed	05/24/2006 1439			
Ammonia	3.0		mg/L	0.060	2.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1636			
Ferrous Iron	4.2		mg/L	0.10	1.0	3500 FE D
	Anly Batch: 680-44667	Date Analyzed	05/15/2006 1011			
Nitrogen, Nitrate	0.076		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrate Nitrite	0.076		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44645	Date Analyzed	05/13/2006 1607			
Sulfate	<5.0		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45571	Date Analyzed	05/24/2006 0856			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44800	Date Analyzed	05/15/2006 1650			
Total Organic Carbon	41		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45442	Date Analyzed	05/22/2006 1028			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

General Chemistry

Client Sample ID: **HER-MW14-0506**

Lab Sample ID: 680-16599-3
Client Matrix: Water

Date Sampled: 05/12/2006 1045
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	390		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			
Carbon dioxide	180		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			

General Chemistry

Client Sample ID: HER-MW16-0506

Lab Sample ID: 680-16599-4
Client Matrix: Water

Date Sampled: 05/12/2006 1145
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	42		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45604	Date Analyzed	05/24/2006 1439			
Ammonia	0.27		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1527			
Ferrous Iron	30		mg/L	1.0	10	3500 FE D
	Anly Batch: 680-44667	Date Analyzed	05/15/2006 1011			
Nitrogen, Nitrate	1.9		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrate Nitrite	1.9		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44645	Date Analyzed	05/13/2006 1607			
Sulfate	<5.0		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45571	Date Analyzed	05/24/2006 0856			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44800	Date Analyzed	05/15/2006 1650			
Total Organic Carbon	36		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45442	Date Analyzed	05/22/2006 1028			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

General Chemistry

Client Sample ID: **HER-MW16-0506**

Lab Sample ID: 680-16599-4
Client Matrix: Water

Date Sampled: 05/12/2006 1145
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	400		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			
Carbon dioxide	340		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			

General Chemistry

Client Sample ID: **HER-RS3-0506**

Lab Sample ID: 680-16599-5
Client Matrix: Water

Date Sampled: 05/12/2006 1020
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Chloride	<1.0		mg/L	1.0	1.0	325.2
	Anly Batch: 680-45604	Date Analyzed	05/24/2006 1416			
Ammonia	0.082		mg/L	0.030	1.0	350.1
	Anly Batch: 680-45461	Date Analyzed	05/23/2006 1534			
Ferrous Iron	<0.10		mg/L	0.10	1.0	3500 FE D
	Anly Batch: 680-44667	Date Analyzed	05/15/2006 1011			
Nitrogen, Nitrate	0.051		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrate Nitrite	0.051		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Nitrogen, Nitrite	<0.050		mg/L	0.050	1.0	353.2
	Anly Batch: 680-45354	Date Analyzed	05/13/2006 1814			
Orthophosphate	<0.050		mg/L	0.050	1.0	365.2
	Anly Batch: 680-44645	Date Analyzed	05/13/2006 1607			
Sulfate	<5.0		mg/L	5.0	1.0	375.4
	Anly Batch: 680-45571	Date Analyzed	05/24/2006 0858			
Sulfide	<0.10		mg/L	0.10	1.0	376.2
	Anly Batch: 680-44800	Date Analyzed	05/15/2006 1650			
Total Organic Carbon	<1.0		mg/L	1.0	1.0	415.1
	Anly Batch: 680-45442	Date Analyzed	05/22/2006 1028			
Phenolics, Total Recoverable	<0.050		mg/L	0.050	1.0	420.1
	Anly Batch: 680-45098	Date Analyzed	05/19/2006 0925			
	Prep Batch: 680-45095	Date Prepared:	05/19/2006 0640			

Client: EcoSystems Inc

Job Number: 680-16599-1

General Chemistry

Client Sample ID: **HER-RS3-0506**

Lab Sample ID: 680-16599-5
Client Matrix: Water

Date Sampled: 05/12/2006 1020
Date Received: 05/13/2006 0915

Analyte	Result	Qual	Units	RL	Dil	Method
Alkalinity	<1.0		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			
Carbon dioxide	<1.0		mg/L	1.0	1.0	310.1
	Anly Batch: 680-45455	Date Analyzed	05/23/2006 1656			

DATA REPORTING QUALIFIERS

Client: EcoSystems Inc

Job Number: 680-16599-1

Lab Section	Qualifier	Description
GC/MS VOA		
	*	LCS or LCSD exceeds the control limits

QUALITY CONTROL RESULTS

Client: EcoSystems Inc

Job Number: 680-16599-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:680-45723				
LCS 680-45723/2	Lab Control Spike	Water	8260B	
MB 680-45723/5	Method Blank	Water	8260B	
680-16599-1	HER-MW07-0506	Water	8260B	
680-16599-2	HER-MW13-0506	Water	8260B	
680-16599-3	HER-MW14-0506	Water	8260B	
680-16599-4	HER-MW16-0506	Water	8260B	
Analysis Batch:680-45792				
LCS 680-45792/3	Lab Control Spike	Water	8260B	
MB 680-45792/8	Method Blank	Water	8260B	
680-16599-5	HER-RS3-0506	Water	8260B	
GC VOA				
Analysis Batch:680-45000				
LCS 680-45000/15	Lab Control Spike	Water	RSK-175	
680-16599-2	HER-MW13-0506	Water	RSK-175	
680-16599-3	HER-MW14-0506	Water	RSK-175	
680-16599-4	HER-MW16-0506	Water	RSK-175	
Analysis Batch:680-45001				
LCS 680-45001/15	Lab Control Spike	Water	RSK-175	
MB 680-45001/16	Method Blank	Water	RSK-175	
680-16599-1	HER-MW07-0506	Water	RSK-175	
680-16599-5	HER-RS3-0506	Water	RSK-175	

Client: EcoSystems Inc

Job Number: 680-16599-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
Metals				
Prep Batch: 680-45110				
LCS 680-45110/22-A	Lab Control Spike	Water	3005A	
MB 680-45110/21-A	Method Blank	Water	3005A	
680-16599-1	HER-MW07-0506	Water	3005A	
680-16599-2	HER-MW13-0506	Water	3005A	
680-16599-3	HER-MW14-0506	Water	3005A	
680-16599-4	HER-MW16-0506	Water	3005A	
680-16599-5	HER-RS3-0506	Water	3005A	
Prep Batch: 680-47805				
LCS 680-47805/12-A	Lab Control Spike	Water	3005A	
MB 680-47799/13-B	Method Blank	Water	3005A	
680-16599-1	HER-MW07-0506	Water	3005A	
680-16599-2	HER-MW13-0506	Water	3005A	
680-16599-3	HER-MW14-0506	Water	3005A	
680-16599-4	HER-MW16-0506	Water	3005A	
680-16599-5	HER-RS3-0506	Water	3005A	
Analysis Batch:680-45380				
LCS 680-45110/22-A	Lab Control Spike	Water	6010B	680-45110
MB 680-45110/21-A	Method Blank	Water	6010B	680-45110
680-16599-1	HER-MW07-0506	Water	6010B	680-45110
680-16599-2	HER-MW13-0506	Water	6010B	680-45110
680-16599-3	HER-MW14-0506	Water	6010B	680-45110
680-16599-4	HER-MW16-0506	Water	6010B	680-45110
680-16599-5	HER-RS3-0506	Water	6010B	680-45110
Analysis Batch:680-47966				
LCS 680-47805/12-A	Lab Control Spike	Water	6010B	680-47805
MB 680-47799/13-B	Method Blank	Water	6010B	680-47805
680-16599-1	HER-MW07-0506	Water	6010B	680-47805
680-16599-2	HER-MW13-0506	Water	6010B	680-47805
680-16599-3	HER-MW14-0506	Water	6010B	680-47805
680-16599-4	HER-MW16-0506	Water	6010B	680-47805
680-16599-5	HER-RS3-0506	Water	6010B	680-47805