GD Air Testing Inc.

903. N. Bowser Rd., #200, Richardson, TX 75081 Tel: (972) 480-8908 Fax: (972) 480-8308

CHAIN OF CUSTODY RECORD

12 TOTAL PAGES
PAGE 1 OF 12

Report to:	Invoice to:
Company: Dougherty Sprague Env, Inc.	Company: Dougherty Sprague Env, Inc.
Address: 3902 Industrial St. Suite A Rowlett, TX 75088	Address: 3902 Industrial St. Suite A Rowlett, TX 75088
Contact: Curtis Franklin	Contact: Curtis Franklin
Phone: (972) 412-8666	Phone: (972) 412-8666
Fax: (972) 412-8660	PO/SO: 1038000
Email: cfranklin@dsei.com	817-540-4100

Sampler's Name (print): Curtis Franklin

Sampler's Signature: Curtis W. Franklin

Proj. No.: 1038000-1

Project Name: Hinton Landfill Monitoring

Date	Time	Can #	Identifying Marks of Sample(s)	TO-14VOCs	TO-15VOCs	TO-1 and/or TO-2 VOCs	FIXEDGASES (CO_2, CO, O_2, N_2, CH_4)	Light Hydrocarbon C_1-C_6	Headspace (Please specify compounds) Mercaptans	TICs by GC/MS SCAN & Organic Sulfur Compounds (H_2S)	RSK-175 (Methane, ethane, ethene)	MOLD ID	Lab Sample ID (Lab Use Only)
12/12/10	2048-0530	00288	Sample #1 - RW121210~~7~~ (N 32°56'58 W 096°32'45)	X					X				GD10-0239-1
12/12/10	2107-0542	99010	Sample #2 - RW121202 (N 32°56'57 W 096°32'31)	X					X				-2

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Curtis W. Franklin	12/13/10	0840			
Delizhuy	12/13/10	0840	Delizhuy	12/14/10	08/44

Remarks

FC 2010-0825 w/ Can 99010

FC 0604-2010001080 w/ Can 288.

Any change for Analysis Request should be submitted by a written document.

DJ 12/13/10

CLIENT: **Curtis Franklin**
Dougherty Sprague Env., Inc.
3902 Industrial St. Suite A
Rowlett, TX 75088

Project No.: **1038000-1**
Hinton Landfill Monitoring

GD Air Testing Lab. ID: **GD10-0239-001**
Report Date: 16-Dec-10
Date Analyzed: 13-Dec-10
Analyzed by: LAJ
GD Air QC Batch: **QC-121310TO14**
Method: EPATO14
NELAP Certification #: ***T104704364***

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY		SAMPLED DATE /RECEIVED		
Sample #1-RW1212101	Air	**C. Franklin**		**12/12/10**	**12/15/10**	
CONSTITUENT	MW	CAS	PQL* ppbv	**RESULT** ppbv	ug/cu M	NOTE
Benzene	78	71432	0.2	**1.94**	6.19	
Benzylchloride	126.6	100447	0.2	ND	ND	**N**
Bromomethane (Methyl Bromide)	94.9	74839	0.2	ND	ND	
Carbon tetrachloride	153.8	56235	0.2	ND	ND	
Chlorobenzene	112.6	108907	0.2	ND	ND	
Chloroethane (Ethyl Chloride)	64.5	75003	0.2	ND	ND	
Chloroform	119	67663	0.2	ND	ND	
Chloromethane (Methyl Chloride)	50.4	74873	0.2	**0.92**	1.90	
1,2-Dibromoethane (EDB)	187.9	106934	0.2	ND	ND	
1,2-Dichlorobenzene	147	95501	0.2	ND	ND	
1,3-Dichlorobenzene	147	541731	0.2	ND	ND	
1,4-Dichlorobenzene	147	106467	0.2	ND	ND	
1,1-Dichloroethane	99	74343	0.2	ND	ND	
1,1-Dichlorethene	97	75354	0.2	ND	ND	
Dichlorodifluoromethane (F12)	120.9	75718	0.2	**0.65**	3.22	
Dichlorotetrafluoroethane (F114)	170.9	76142	0.2	ND	ND	
1,2-Dichloroethane (EDC)	99	107062	0.2	ND	ND	
cis-1,2-Dichloroethene	97	156592	0.2	ND	ND	
trans-1,2-Dichloroethene	97	156605	0.2	ND	ND	**N**
Dichloromethane (Methylene chloride)	84.9	75092	0.2	ND	ND	
1,2-Dichloropropane	113	78875	0.2	ND	ND	
cis-1,3-Dichloropropene	111	10061015	0.2	ND	ND	
trans-1,3-Dichloropropene	111	10061026	0.2	ND	ND	
Ethylbenzene	106	100414	0.2	**0.84**	3.64	
Hexachlorobutadiene	260.8	87683	0.2	ND	ND	
Styrene	104	100425	0.2	ND	ND	
1,1,2,2-Tetrachloroethane	167.9	79345	0.2	ND	ND	
Tetrachloroethene (PCE)	165.8	127184	0.2	ND	ND	
Toluene	92	108883	0.2	**4.23**	15.9	
1,1,1-Trichloroethane (TCA)	133.4	71556	0.2	ND	ND	
1,1,2-Trichloroethane	133.4	79005	0.2	ND	ND	
1,3,5-Trimethylbenzene	120.2	108678	0.2	**0.67**	3.27	
1,2,4-Trimethylbenzene	120.2	95636	0.2	**0.47**	2.29	
1,2,4-Trichlorobenzene	181.5	120821	0.3	ND	ND	
Trichloroethene (TCE)	131.3	79016	0.2	ND	ND	

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CLIENT: **Curtis Franklin**
Dougherty Sprague Env., Inc.
3902 Industrial St. Suite A
Rowlett, TX 75088

Project No.: **1038000-1**
Hinton Landfill Monitoring

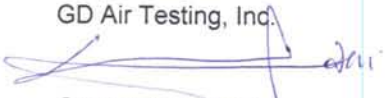
GD Air Testing Lab. ID: **GD10-0239-001**
Report Date: 16-Dec-10
Date Analyzed: 13-Dec-10
Analyzed by: LAJ
GD Air QC Batch: **QC-121310TO14**
Method: EPATO14
NELAP Certification #: ***T104704364***

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY		SAMPLED DATE /RECEIVED	
Sample #1-RW1212101	Air	**C. Franklin**		**12/12/10**	**12/15/10**
CONSTITUENT	MW	CAS	PQL*	**RESULT**	NOTE
			ppbv	ppbv	ug/cu M
Trichlorofluoromethane (F-11)	137.4	75694	0.2	**0.28**	1.56
Trichloritrifluoroethane (F-113)	187.4	76131	0.2	ND	ND
Vinyl Chloride	62.5	75014	0.2	ND	ND
m&p-Xylenes	106	1330207	0.2	**3.12**	13.5
o-Xylene	106	95476	0.2	**1.20**	5.20
Surrogate Recovery Report			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	6.44	129
Bromofluorobenzene (SS2)	175	460004	5.00	5.32	106

*Comparison with the method blank this sample run with a dilution factor of: **1.15**
Canister #0288 was received at an initial pressure of +1.3psi and pressurized to 3.7psi.
N: Not in the Scope of NELAC Accrediation. Instrument calibration not performed for this analyte.
Analyte determined as tentatively identified compound (TIC).
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).
* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.
*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.
*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.



George Dai, Ph.D.
Laboratory Director
Data File:varian/101213/101213-10-0239-1.sms
Report File: GDAIR D:\Client-Report\GD10-0239-001

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CLIENT: **Curtis Franklin**
Dougherty Sprague Env., Inc.
3902 Industrial St., Suite A
Rowlett, TX 75088

Project No.: **1038000-1**
Hinton Landfill Monitoring

GD Air Testing Lab. ID: **GD10-0239-1H2S**
Report Date: 12/17/2010
Date Analyzed: 12/15/2010
Analyzed by: JCA
GD QC Batch: **QC-121510H2S**
Method: **ASTM 1946**

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE /RECEIVED	
Sample #1-RW1212101	Air	**C. Franklin**	**12/12/10**	**12/15/10**

CONSTITUENT	MW	PQL* ppmv	**RESULT** ppmv	NOTE
Hydrogen Sulfide	34.0	288	**ND**	

Comparison with the method blank this sample run with a dilution factor of: **1.15**
RESULTS listed as "ND" were not detected at or above the listed PQL (Practical Quantitation Limit).
QA/QC reports following this report include: Method Blank, Blank Spike (BS), and Blank Spike Duplicate (BSD).

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Report File: GDAIR D:\Client_Report\gd10-0239-1H2S
Data File: C:\HPCHEM\1\DATA\101215\S0121507.D

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CLIENT: **Curtis Franklin**
Dougherty Sprague Env., Inc.
3902 Industrial St. Suite A
Rowlett, TX 75088

Project No.: **1038000-1**
Hinton Landfill Monitoring

GD Air Testing Lab. ID: **GD10-0239-002**
Report Date: 16-Dec-10
Date Analyzed: 13-Dec-10
Analyzed by: LAJ
GD Air QC Batch: **QC-121310TO14**
Method: EPATO14
NELAP Certification #: ***T104704364***

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY		SAMPLED DATE /RECEIVED		
Sample #2-RW1212102	Air	**C. Franklin**		**12/12/10**	**12/15/10**	
CONSTITUENT	MW	CAS	PQL* ppbv	**RESULT** ppbv	ug/cu M	NOTE
Benzene	78	71432	0.2	**16.10**	51.36	
Benzylchloride	126.6	100447	0.2	ND	ND	**N**
Bromomethane (Methyl Bromide)	94.9	74839	0.2	ND	ND	
Carbon tetrachloride	153.8	56235	0.2	ND	ND	
Chlorobenzene	112.6	108907	0.2	ND	ND	
Chloroethane (Ethyl Chloride)	64.5	75003	0.2	ND	ND	
Chloroform	119	67663	0.2	ND	ND	
Chloromethane (Methyl Chloride)	50.4	74873	0.2	**0.98**	2.01	
1,2-Dibromoethane (EDB)	187.9	106934	0.2	ND	ND	
1,2-Dichlorobenzene	147	95501	0.2	ND	ND	
1,3-Dichlorobenzene	147	541731	0.2	ND	ND	
1,4-Dichlorobenzene	147	106467	0.2	ND	ND	
1,1-Dichloroethane	99	74343	0.2	ND	ND	
1,1-Dichlorethene	97	75354	0.2	ND	ND	
Dichlorodifluoromethane (F12)	120.9	75718	0.2	**0.67**	3.32	
Dichlorotetrafluoroethane (F114)	170.9	76142	0.2	ND	ND	
1,2-Dichloroethane (EDC)	99	107062	0.2	ND	ND	
cis-1,2-Dichloroethene	97	156592	0.2	ND	ND	
trans-1,2-Dichloroethene	97	156605	0.2	ND	ND	**N**
Dichloromethane (Methylene chloride)	84.9	75092	0.2	ND	ND	
1,2-Dichloropropane	113	78875	0.2	ND	ND	
cis-1,3-Dichloropropene	111	10061015	0.2	ND	ND	
trans-1,3-Dichloropropene	111	10061026	0.2	ND	ND	
Ethylbenzene	106	100414	0.2	**15.6**	67.63	
Hexachlorobutadiene	260.8	87683	0.2	ND	ND	
Styrene	104	100425	0.2	ND	ND	
1,1,2,2-Tetrachloroethane	167.9	79345	0.2	ND	ND	
Tetrachloroethene (PCE)	165.8	127184	0.2	ND	ND	
Toluene	92	108883	0.2	**50.8**	191.1	
1,1,1-Trichloroethane (TCA)	133.4	71556	0.2	ND	ND	
1,1,2-Trichloroethane	133.4	79005	0.2	ND	ND	
1,3,5-Trimethylbenzene	120.2	108678	0.2	**6.89**	33.87	
1,2,4-Trimethylbenzene	120.2	95636	0.2	**3.45**	16.96	
1,2,4-Trichlorobenzene	181.5	120821	0.4	ND	ND	
Trichloroethene (TCE)	131.3	79016	0.2	ND	ND	

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CLIENT: **Curtis Franklin**
Dougherty Sprague Env., Inc.
3902 Industrial St. Suite A
Rowlett, TX 75088

Project No.: **1038000-1**
Hinton Landfill Monitoring

GD Air Testing Lab. ID: **GD10-0239-002**
Report Date: 16-Dec-10
Date Analyzed: 13-Dec-10
Analyzed by: LAJ
GD Air QC Batch: **QC-121310TO14**
Method: EPATO14
NELAP Certification #: ***T104704364***

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY		SAMPLED DATE /RECEIVED	
Sample #2-RW1212102	Air	**C. Franklin**		**12/12/10**	**12/15/10**
CONSTITUENT	MW	CAS	PQL* ppbv	**RESULT** ppbv	NOTE ug/cu M
Trichlorofluoromethane (F-11)	137.4	75694	0.2	**0.31**	1.72
Trichloritrifluoroethane (F-113)	187.4	76131	0.2	ND	ND
Vinyl Chloride	62.5	75014	0.2	ND	ND
m&p-Xylenes	106	1330207	2.5	**258**	1119
o-Xylene	106	95476	0.2	**12.0**	52.0
Surrogate Recovery Report			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	6.12	122
Bromofluorobenzene (SS2)	175	460004	5.00	5.49	110

*Comparison with the method blank this sample run with a dilution factor of: **1.24**

Canister #99010 was received at an initial pressure of +1.3psi and pressurized to 3.9psi.

N: Not in the Scope of NELAC Accrediation. Instrument calibration not performed for this analyte. Analyte determined as tentatively identified compound (TIC).

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director
Data File:varian/101213/101213-10-0239-2.sms
Report File: GDAIR D:\Client-Report\GD10-0239-002

CLIENT: **Curtis Franklin**
Dougherty Sprague Env., Inc.
3902 Industrial St., Suite A
Rowlett, TX 75088

Project No.: **1038000-1**
Hinton Landfill Monitoring

GD Air Testing Lab. ID: **GD10-0239-2H2S**
Report Date: 12/17/2010
Date Analyzed: 12/15/2010
Analyzed by: JCA
GD QC Batch: **QC-121510H2S**
Method: **ASTM 1946**

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE	/RECEIVED
Sample #2-RW1212102	Air	**C. Franklin**	**12/12/10**	**12/15/10**

CONSTITUENT	MW	PQL* ppmv	**RESULT** ppmv	NOTE
Hydrogen Sulfide	34.0	290	**ND**	

Comparison with the method blank this sample run with a dilution factor of: **1.16**
RESULTS listed as "ND" were not detected at or above the listed PQL (Practical Quantitation Limit).
QA/QC reports following this report include: Method Blank, Blank Spike (BS), and Blank Spike Duplicate (BSD).

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Report File: GDAIR D:\Client_Report\gd10-0239-2H2S
Data File: C:\HPCHEM\1\DATA\101215\S0121508.D

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CLIENT: **GD Air Testing, Inc.**

Project No.:

GD Air Testing Lab. ID: **Method Blank**
Report Date: 12/14/10
Date Analyzed: 12/13/10
Analyzed by: LAJ
GD Air QC Batch: QC-121310
Method: EPATO14
NELAP Certification #: ***T104704364***

REPORT OF METHOD BLANK RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY		SAMPLED DATE /RECEIVED		
BLK	Air					
CONSTITUENT	MW	CAS	PQL* ppbv	**RESULT** ppbv	ug/cu M	NOTE
Benzene	78	71432	0.20	**ND**	ND	
Benzylchloride	126.6	100447	0.20	**ND**	ND	**N**
Bromomethane (Methyl Bromide)	94.9	74839	0.20	**ND**	ND	
Carbon tetrachloride	153.8	56235	0.20	**ND**	ND	
Chlorobenzene	112.6	108907	0.20	**ND**	ND	
Chloroethane (Ethyl Chloride)	64.5	75003	0.20	**ND**	ND	
Chloroform	119	67663	0.20	**ND**	ND	
Chloromethane (Methyl Chloride)	50.4	74873	0.20	**ND**	ND	
1,2-Dibromoethane (EDB)	187.9	106934	0.20	**ND**	ND	
1,2-Dichlorobenzene	147	95501	0.20	**ND**	ND	
1,3-Dichlorobenzene	147	541731	0.20	**ND**	ND	
1,4-Dichlorobenzene	147	106467	0.20	**ND**	ND	
1,1-Dichloroethane	99	74343	0.20	**ND**	ND	
1,1-Dichlorethene	97	75354	0.20	**ND**	ND	
Dichlorodifluoromethane (F12)	120.9	75718	0.20	**ND**	ND	
Dichlorotetrafluoroethane (F114)	170.9	76142	0.20	**ND**	ND	
1,2-Dichloroethane (EDC)	99	107062	0.20	**ND**	ND	
cis-1,2-Dichloroethene	97	156592	0.20	**ND**	ND	
trans-1,2-Dichloroethene	97	156605	0.20	**ND**	ND	**N**
Dichloromethane (Methylene chloride)	84.9	75092	0.20	**ND**	ND	
1,2-Dichloropropane	113	78875	0.20	**ND**	ND	
cis-1,3-Dichloropropene	111	10061015	0.20	**ND**	ND	
trans-1,3-Dichloropropene	111	10061026	0.20	**ND**	ND	
Ethylbenzene	106	100414	0.20	**ND**	ND	
Hexachlorobutadiene	260.8	87683	0.20	**ND**	ND	
Styrene	104	100425	0.20	**ND**	ND	
1,1,2,2-Tetrachloroethane	167.9	79345	0.20	**ND**	ND	
Tetrachloroethene (PCE)	165.8	127184	0.20	**ND**	ND	
Toluene	92	108883	0.20	**ND**	ND	
1,1,1-Trichloroethane (TCA)	133.4	71556	0.20	**ND**	ND	
1,1,2-Trichloroethane	133.4	79005	0.20	**ND**	ND	
1,3,5-Trimethylbenzene/4-Ethyltoluene	120.2	108678	0.20	**ND**	ND	
1,2,4-Trimethylbenzene	120.2	95636	0.20	**ND**	ND	
1,2,4-Trichlorobenzene	181.5	120821	0.30	**ND**	ND	
Trichloroethene (TCE)	131.3	79016	0.20	**ND**	ND	

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CLIENT: GD Air Testing, Inc.

Project No.: **QC**

GD Air Testing Lab. ID:	**Method Blank**
Report Date:	12/14/10
Date Analyzed:	12/13/10
Analyzed by:	LAJ
GD Air QC Batch:	QC-121310
Method:	EPATO14
NELAP Certification #:	***T104704364***

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY		SAMPLED DATE /RECEIVED	
BLK	Air				
CONSTITUENT	MW	CAS	PQL* ppbv	**RESULT** ppbv	NOTE ug/cu M
Trichlorofluoromethane (F-11)	137.4	75694	0.20	**ND**	ND
Trichloritrifluoroethane (F-113)	187.4	76131	0.20	**ND**	ND
Vinyl Chloride	62.5	75014	0.20	**ND**	ND
m&p-Xylenes	106	1330207	0.20	**ND**	ND
o-Xylene	106	95476	0.20	**ND**	ND
Surrogate Recovery Report			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	5.00	5.92	118
Bromofluorobenzene (SS2)	175	460004	5.00	5.32	106

*Comparison with the method blank this sample run with a dilution factor of: **1.0**

N: Not included in the Scope of NELAC Accrediation. Instrument calibration not performed for this analyte. Analyte determined as tentatively identified compound (TIC).

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: c:\Varian\101213-7-blk.sms
Report File: GD SRI\D\QC-10-TO14\Blank

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CLIENT: **GD Air Testing, Inc.**

Project No.:

GD Air Testing Lab. ID: **BS/BSD**
Report Date: 12/14/10
Date Analyzed: 12/13/10
Analyzed by: LAJ
GD Air QC Batch: **QC-121310**
Method: EPATO14
NELAP Certification #: ***T104704364***

REPORT OF BLANK SPIKE RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	Air		

Spike Control Compounds	Spiked ppbv	Found and Recovery BS/ppbv	BS R%	BSD	BSD R%	% RPD
VOLATILE ORGANICS BY EPA TO-14						
Vinyl Chloride	10.0	8.92	89	9.1	91	2
Methylene chloride (Dichloromethane)	10.0	8.2	82	7.7	77	6
1,1,1-Trichloroethane	10.0	8.6	86	8.2	82	5
1,2-Dichloroethane (EDC)	10.0	8.8	88	8.9	89	1
Benzene	10.0	10.4	104	9.2	92	12
Carbon tetrachloride	10.0	9.2	92	8.2	82	11
Trichloroethene (TCE)	10.0	8.1	81	8.1	81	0
Toluene	10.0	8.7	87	8.9	89	2
Chlorobenzene	10.0	8.5	85	8.8	88	3
Ethylbenzene	10.0	8.9	89	8.9	89	0
o-Xylene	10.0	9.0	90	9.2	92	2
Surrogate Recovery Report						
1,4-Difluorobenzene (SS1)	5.0	5.88	118	5.29	105.8	10.6
Bromofluorobenzene (SS2)	5.0	5.10	102	5.27	105.4	3.3

* The control limit for BS Recovery % of all spiked compound is 70% - 130%
* The control limit for relative percentage difference of BS/BSD is 30%
* If any control compound is not within the control limit, please see the case narrative for more details.
* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: VARIAN\101213-4-bs.sms and 101213-5-bsd.sms
Report File: GD\SRI\D:\QC-TO14\BS-BSD

651 N. Plano Road, Suite 429, Richardson, TX 75081, USA • Tel: (972) 480-8908 • Fax (972) 480-8308

CLIENT: **GD Air Testing, Inc.**

GD Air Testing Lab. ID:	**QC-BLK-121510H2S**
Report Date:	12/17/2010
Date Analyzed:	12/15/2010
Analyzed by:	JCA
GD QC Batch:	**QC-121510H2S**
NELAP Certification No.:	T104704364
Method:	**ASTM 1946**

REPORT OF METHOD BLANK RESULTS Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLED BY	SAMPLED DATE	/RECEIVED
Blank	Air	**JCA**	**12/15/10**	**12/15/10**

CONSTITUENT	MW	PQL* ppmv	**RESULT** ppmv	NOTE
Hydrogen Sulfide	34.0	250	**ND**	

* If any compound is out of control limit, please see the case narrative for more details.

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Report File: GDAIR D:\Client_Report\QC-blk-121510-H2S
Data File: C:\HPCHEM\1\DATA\101217\S0121502.D

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CLIENT: **GD Air Testing Inc. QA**

GD Air Testing Lab. ID:	**QC-121510H2S**
Report Date:	12/17/2010
Date Analyzed:	12/15/2010
Analyzed by:	JCA
NELAP Certification No.:	T104704364
Method:	ASTM 1946

REPORT OF BLANK SPIKE RESULTS Page 1 of 1

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED
BS/BSD	GAS		

CONSTITUENT	Spiked	Found and Recovery					NOTE
	ppmv	BS	BS, R%	BSD	BSD, R%	RPD %	
Hydrogen Sulfide	1000	**1210**	121	**1190**	119	1.7	

* The control limit for BS Recovery % of all spiked compound is 70% - 130%
** The control limit for relative percentage difference of BS/BSD is 30%
*** If any control compound is not within the control limit, please see the case narrative for more details.

Respectfully submitted
GD Air Testing, Inc.

George Dai, Ph.D.
Laboratory Director

Data File: C:\HPCHEM\1\DATA\101215\S0121505.D, S0121506.D
Report File: GDAIR D:\Client_Report\H2S-BS-121510F

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