



ChemSolutions

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February 13, 2012

Martina Litasi
EnviroGroup Limited
7009 S. Potomac St., Suite 300
Centennial, CO 80112

RE: VIS007

Dear Martina:

Enclosed please find the analytical results for the Project #WQ-0664 Casper PCE Plume samples collected on 2/7-2/9/12.

The samples were analyzed for trichloroethene and tetrachloroethene by EPA Method 8260B. Tables 1-54 contain the analytical results for the samples. The quality control samples are summarized in Tables 55-63.

Thank you for the opportunity to work on this project. Please call if you have any questions.

Sincerely,

John Graves
Laboratory Director
ChemSolutions LLC

Cc: John Fontana
Vista GeoScience

CHEMSOLUTIONS
TABLE 1
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EMW-28
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.2J	2
Tetrachloroethene	15	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	50.1	100

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 2
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EMW-29
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.6J	2
Tetrachloroethene	10	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	50.2	100

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 3
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-01
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	8.5	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	50.4	101

ND= Not detected

CHEMSOLUTIONS
TABLE 4
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-02
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	12	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.4	107

ND= Not detected

CHEMSOLUTIONS
TABLE 5
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-03
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	9.6	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.2	108

ND= Not detected

CHEMSOLUTIONS
TABLE 6
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EMW-15
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.2J	2
Tetrachloroethene	51	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.2	104

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 7
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EMW-15 DUP
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	49	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.6	107

ND= Not detected

CHEMSOLUTIONS
TABLE 8
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-04
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.0J	2
Tetrachloroethene	7.9	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.5	105

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 9
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-05
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	3.1	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	51.8	104

ND= Not detected

CHEMSOLUTIONS
TABLE 10
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-06
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.3J	2
Tetrachloroethene	7.7	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.3	105

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 11
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-07
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.3J	2
Tetrachloroethene	5.2	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.6	105

ND= Not detected

CHEMSOLUTIONS
TABLE 12
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EMW-30
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	ND	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.4	107

ND= Not detected

CHEMSOLUTIONS
TABLE 13
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-08
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.6J	2
Tetrachloroethene	6.7	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.1	104

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 14
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-09
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.4J	2
Tetrachloroethene	6.6	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.6	107

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 15
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-10
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.1J	2
Tetrachloroethene	6.4	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.8	106

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 16
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-11
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.4J	2
Tetrachloroethene	6.8	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.2	104

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 17
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-12
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	2.1	2
Tetrachloroethene	8.4	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.2	104

ND= Not detected

CHEMSOLUTIONS
TABLE 18
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-12 DUP
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.5J	2
Tetrachloroethene	8.0	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.4	105

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 19
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-13
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.3J	2
Tetrachloroethene	9.4	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.8	106

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 20
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-14
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	7.1	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.0	108

ND= Not detected

CHEMSOLUTIONS
TABLE 21
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-15
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	7.2	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.0	106

ND= Not detected

CHEMSOLUTIONS
TABLE 22
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-16
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	9.6	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	51.8	104

ND= Not detected

CHEMSOLUTIONS
TABLE 23
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-17
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/7/2012
Date Received: 2/7/2012
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	8.6	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.6	107

ND= Not detected

CHEMSOLUTIONS
TABLE 24
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EMW-19
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	20	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.7	105

ND= Not detected

CHEMSOLUTIONS
TABLE 25
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-18
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	0.99J	2
Tetrachloroethene	9.8	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.2	108

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 26
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-19
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.2J	2
Tetrachloroethene	10	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.8	108

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 27
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-20
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.0J	2
Tetrachloroethene	8.8	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.4	109

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 28
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-21
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	9.0	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.0	106

ND= Not detected

CHEMSOLUTIONS
TABLE 29
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-22
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	5.8	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.9	108

ND= Not detected

CHEMSOLUTIONS
TABLE 30
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-23
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	4.3	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.3	109

ND= Not detected

CHEMSOLUTIONS
TABLE 31
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-24
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	3.8	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.6	105

ND= Not detected

CHEMSOLUTIONS
TABLE 32
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-22 DUP
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	5.8	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.1	106

ND= Not detected

CHEMSOLUTIONS
TABLE 33
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-25
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	4.4	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.4	107

ND= Not detected

CHEMSOLUTIONS
TABLE 34
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-26
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	2.2	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.4	107

ND= Not detected

CHEMSOLUTIONS
TABLE 35
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-27
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	1.4J	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.6	109

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 36
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-28
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	ND	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.9	108

ND= Not detected

CHEMSOLUTIONS
TABLE 37
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-29
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	1.4J	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.9	108

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 38
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-30
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	1.2J	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	55.0	110

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
 TABLE 39
 VOLATILE ORGANIC COMPOUND RESULTS
 Project ID: VIS007

Client Sample ID: EBH-31
 Client Project ID: WQ-0664 Casper PCE Plume
 EPA Method 8260B
 Units: ug/L

Date Sampled: 2/8/2012
 Date Received: 2/8/2012
 Date Analyzed: 2/8/2012
 Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	1.7J	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.8	108

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 40
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-32
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	13	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.1	106

ND= Not detected

CHEMSOLUTIONS
TABLE 41
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-32 DUP
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	12	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.8	110

ND= Not detected

CHEMSOLUTIONS
TABLE 42
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-33
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	10	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.4	105

ND= Not detected

CHEMSOLUTIONS
TABLE 43
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-34
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	14	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.4	107

ND= Not detected

CHEMSOLUTIONS
TABLE 44
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-35
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	8.2	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.8	106

ND= Not detected

CHEMSOLUTIONS
TABLE 45
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-36
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	6.9	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.4	107

ND= Not detected

CHEMSOLUTIONS
TABLE 46
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-37
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	5.1	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	55.4	111

ND= Not detected

CHEMSOLUTIONS
TABLE 47
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-38
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/8/2012
Date Received: 2/8/2012
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	1.9J	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.4	107

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 48
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-39
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/9/2012
Date Received: 2/9/2012
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	9.1	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.3	105

ND= Not detected

CHEMSOLUTIONS
TABLE 49
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-40
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/9/2012
Date Received: 2/9/2012
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	8.8	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	53.8	108

ND= Not detected

CHEMSOLUTIONS
TABLE 50
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-41
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/9/2012
Date Received: 2/9/2012
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	14	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	55.2	110

ND= Not detected

CHEMSOLUTIONS
TABLE 51
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-42
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/9/2012
Date Received: 2/9/2012
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	7.3	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.9	110

ND= Not detected

CHEMSOLUTIONS
TABLE 52
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-43
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/9/2012
Date Received: 2/9/2012
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.0J	2
Tetrachloroethene	22	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.2	108

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 53
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-43 DUP
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/9/2012
Date Received: 2/9/2012
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	1.1J	2
Tetrachloroethene	20	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.3	109

ND= Not detected

J= The compound was detected and verified by its' mass spectrum at a concentration less than the quantitation limit.

CHEMSOLUTIONS
TABLE 54
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: EBH-44
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: 2/9/2012
Date Received: 2/9/2012
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	20	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	54.5	109

ND= Not detected

CHEMSOLUTIONS
TABLE 55
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: Blank
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: NA
Date Received: NA
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	ND	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	50.4	101

ND= Not detected

2/13/12

CHEMSOLUTIONS
TABLE 56
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: Blank
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: NA
Date Received: NA
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	ND	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.8	106

ND= Not detected

2/13/12

CHEMSOLUTIONS
TABLE 57
VOLATILE ORGANIC COMPOUND RESULTS
Project ID: VIS007

Client Sample ID: Blank
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Units: ug/L

Date Sampled: NA
Date Received: NA
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	<u>Concentration</u>	<u>Reporting Limit</u>
Trichloroethene	ND	2
Tetrachloroethene	ND	2
	Amount	
<u>Surrogate</u>	<u>Recovered</u>	<u>% Recovery</u>
Toluene-D8	52.1	104

ND= Not detected

CHEMSOLUTIONS
TABLE 58
MATRIX SPIKE RESULTS
 Project ID: VIS007

Client Sample ID: EBH-08
 Client Project ID: WQ-0664 Casper PCE Plume
 EPA Method 8260B
 Spike Amount: 50 ppb

Date Sampled: 2/7/2012
 Date Received: 2/7/2012
 Date Analyzed: 2/7/2012
 Sample Matrix: Water

<u>Analyte</u>	<u>Matrix Spike</u>	<u>% Recovery</u>	<u>Matrix Spike Dupl.</u>	<u>% Recovery</u>	<u>RPD</u>
Trichloroethene	50.7	98.2	51.8	100	2.15
Tetrachloroethene	58.3	103	58.2	103	0.17
<u>Surrogate</u>	<u>Amount Recovered</u>	<u>% Recovery</u>	<u>Amount Recovered</u>	<u>% Recovery</u>	
Toluene-D8	52.7	105	52.7	105	

CHEMSOLUTIONS
TABLE 59
MATRIX SPIKE RESULTS
 Project ID: VIS007

Client Sample ID: EBH-17
 Client Project ID: WQ-0664 Casper PCE Plume
 EPA Method 8260B
 Spike Amount: 50 ppb

Date Sampled: 2/7/2012
 Date Received: 2/7/2012
 Date Analyzed: 2/8/2012
 Sample Matrix: Water

<u>Analyte</u>	<u>Matrix Spike</u>	<u>% Recovery</u>	<u>Matrix Spike Dupl.</u>	<u>% Recovery</u>	<u>RPD</u>
Trichloroethene	51.9	104	52.8	106	1.72
Tetrachloroethene	56.4	95.6	57.7	98.2	2.28
<u>Surrogate</u>	<u>Amount Recovered</u>	<u>% Recovery</u>	<u>Amount Recovered</u>	<u>% Recovery</u>	
Toluene-D8	53.1	106	53.0	106	

CHEMSOLUTIONS
TABLE 60
MATRIX SPIKE RESULTS
 Project ID: VIS007

Client Sample ID: EBH-31
 Client Project ID: WQ-0664 Casper PCE Plume
 EPA Method 8260B
 Spike Amount: 50 ppb

Date Sampled: 2/8/2012
 Date Received: 2/8/2012
 Date Analyzed: 2/8/2012
 Sample Matrix: Water

<u>Analyte</u>	<u>Matrix Spike</u>	<u>% Recovery</u>	<u>Matrix Spike Dupl.</u>	<u>% Recovery</u>	<u>RPD</u>
Trichloroethene	51.4	103	56.0	112	8.57
Tetrachloroethene	51.9	100	52.5	102	1.15
<u>Surrogate</u>	<u>Amount Recovered</u>	<u>% Recovery</u>	<u>Amount Recovered</u>	<u>% Recovery</u>	
Toluene-D8	54.1	108	54.1	108	

2/13/12

CHEMSOLUTIONS
TABLE 61
Project ID: VIS007
LCS SPIKE RESULTS

Client Sample ID: LCS #1
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
50 ug/L Spike

Date Sampled: NA
Date Received: NA
Date Analyzed: 2/7/2012
Sample Matrix: Water

<u>Analyte</u>	Amount <u>Recovered (ug/L)</u>	<u>% Recovery</u>
Trichloroethene	49.1	98.2
Tetrachloroethene	48.8	97.6

<u>Surrogate</u>	Amount <u>Recovered (ug/L)</u>	<u>% Recovery</u>
Toluene-D8	48.3	96.6

LCS = Laboratory Control Sample

2/13/12

CHEMSOLUTIONS
TABLE 62
Project ID: VIS007
LCS SPIKE RESULTS

Client Sample ID: LCS #2
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
50 ug/L Spike

Date Sampled: NA
Date Received: NA
Date Analyzed: 2/8/2012
Sample Matrix: Water

<u>Analyte</u>	Amount <u>Recovered (ug/L)</u>	<u>% Recovery</u>
Trichloroethene	48.8	97.6
Tetrachloroethene	48.3	96.6

<u>Surrogate</u>	Amount <u>Recovered (ug/L)</u>	<u>% Recovery</u>
Toluene-D8	51.2	102

LCS = Laboratory Control Sample

2/13/12

CHEMSOLUTIONS
TABLE 63
Project ID: VIS007
LCS SPIKE RESULTS

Client Sample ID: LCS #3
Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
50 ug/L Spike

Date Sampled: NA
Date Received: NA
Date Analyzed: 2/9/2012
Sample Matrix: Water

<u>Analyte</u>	Amount <u>Recovered (ug/L)</u>	<u>% Recovery</u>
Trichloroethene	52.1	104
Tetrachloroethene	49.0	98.0

<u>Surrogate</u>	Amount <u>Recovered (ug/L)</u>	<u>% Recovery</u>
Toluene-D8	51.0	102

LCS = Laboratory Control Sample

End of Report

CHEMSOLUTIONS
QUALITY CONTROL LIMITS

Client Project ID: WQ-0664 Casper PCE Plume
EPA Method 8260B
Sample Matrix: Water

<u>Analyte</u>	<u>Surrogate % Recovery</u>		
Toluene-D8	80-120		
<u>Analyte</u>	<u>LCS % Recovery</u>	<u>MS/MSD % Recovery</u>	<u>RPD</u>
Trichloroethene	77-120	78-120	15
Tetrachloroethene	68-124	67-122	15

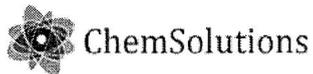
1 of 3

Chain of Custody



7388 S. Revere Pkwy, #806 Phone: 303-771-5570
 Centennial, CO 80112 Fax: 303-771-5574
 E-mail: john@chemmobile.com

Client Name & Address: EnviroGroup Limited 7009 S Potomac St. Ste 500 Centennial CO 80112		Client Project Name & Location: WQ-0664 Casper PCB Alpha Plume Casper WY			ChemSolutions Project #: V15007						
Contact Person: Martina Litasi		Client Project Number: WQ-0664			Location Received: onsite						
Phone #: 303-790-1340		Invoice to:			Custody Seals: no						
FAX #: 303-790-1347					Date/Time Refrigerated: on receipt Temp: 4°C						
E-mail: mlitasi@envirogroup.com					Requested Analysis						
Sample ID	Date Sampled	Time Sampled	Matrix	# of Containers	8260 B						Remarks
EMW-28	2/7/12	0947	Water	2	X						PE + TCE only
EMW-29	↓	1015	↓	↓	↓						↓
EMW-30 EMW-30 EBH-01	↓	1121	↓	↓	↓						↓
EBH-02	↓	1142	↓	↓	↓						↓
EBH-03	↓	1202	↓	↓	↓						↓
EMW-15	↓	1202	↓	↓	↓						↓
EMW-15 DUP	↓	1202	↓	↓	↓						↓
EBH-04	↓	1228	↓	↓	↓						↓
EBH-05	↓	1255	↓	↓	↓						↓
EBH-06	↓	1309	↓	↓	↓						↓
Sampled and Relinquished by:		Date:	Time:	Received by:				Date:	Time:		
<i>[Signature]</i>		2/7/12	1624	<i>[Signature]</i>				2/7/12	1624		
Relinquished by:		Date:	Time:	Received by:				Date:	Time:		
Relinquished by:		Date:	Time:	Received by:				Date:	Time:		



Chain of Custody

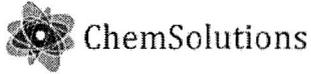
2 of 3

7388 S. Revere Pkwy, #806 Phone: 303-771-5570
 Centennial, CO 80112 Fax: 303-771-5574
 E-mail: john@chemmobile.com

Client Name & Address: EnviroGroup Limited 7009 S Potomac St. Ste 300 Centennial CO 80112		Client Project Name & Location: Casper PCE Orphan Plume Casper WY			ChemSolutions Project #: VISCO 7		
Contact Person: Martina Litasi		Client Project Number: WQ-0664			Location Received: onsite		
Phone #: 303-790-1340					Custody Seals: NO		
FAX #: 303-790-1347		Invoice to:			Date/Time Refrigerated: on receipt Temp: 4°C		
E-mail: mlitasi@envirogroup.com		Requested Analysis					
Sample ID	Date Sampled	Time Sampled	Matrix	# of Containers	8260B		Remarks
EBH-07	2/7/12	1324	Water	2	X		PCE + TCE only
EMW-30		1346					
EBH-08		1412					
EBH-09		1425					
EBH-10		1444					
EBH-11		1459					
EBH-12		1508					
EBH-12 DUP		1508					
EBH-13		1519					
EBH-14	↓	1546	↓	↓	↓		↓
Sampled and Relinquished by:		Date:	Time:	Received by:		Date:	Time:
<i>Pat MW</i>		2/7/12	1624	<i>John Hoover</i>		2/7/12	1624
Relinquished by:		Date:	Time:	Received by:		Date:	Time:
Relinquished by:		Date:	Time:	Received by:		Date:	Time:

3 of 3

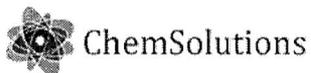
Chain of Custody



7388 S. Revere Pkwy, #806 Phone: 303-771-5570
 Centennial, CO 80112 Fax: 303-771-5574
 E-mail: john@chemmobile.com

Client Name & Address: Enviro Group Limited 7009 S Potomac St. Ste 500 Centennial CO 80112		Client Project Name & Location: Casper PCE Orphan Plume Casper WY			ChemSolutions Project #: U15007			
Contact Person: Martina Liksi					Location Received: onsite			
Phone #: 303-790-1340					Custody Seals: NO			
FAX #: 303-790-1347		Client Project Number: WQ-06604			Date/Time Refrigerated: on receipt Temp: 4°C			
E-mail: mliksi@envirogroup.com		Invoice to:			Requested Analysis			
Sample ID	Date Sampled	Time Sampled	Matrix	# of Containers	92603			Remarks
EBH-15	2/2/12	1554	water	2	X			PCE+TCE only
EBH-16	↓	1604	↓	↓	↓			↓
EBH-17		1620						
 [Crossed out section with handwritten 'PM' and '2/7/12'] 								
Sampled and Relinquished by:		Date:	Time:	Received by:		Date:	Time:	
<i>Roth MW</i>		2/2/12	1624	<i>John Leaves</i>		2/7/12	1624	
Relinquished by:		Date:	Time:	Received by:		Date:	Time:	
Relinquished by:		Date:	Time:	Received by:		Date:	Time:	

Chain of Custody



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 Centennial, CO 80112 Fax: 303-771-5574
 E-mail: john@chemmobile.com

Client Name & Address: EnviroGroup Limited 7009 S Potomac St Ste 300 Centennial CO 80112 Contact Person: Martina Liksi		Client Project Name & Location: Casper PCE Orphan Plume Casper WY			ChemSolutions Project #: UIS007				
Phone #: 303-790-1340		Client Project Number: WQ-0664			Location Received: onsite				
FAX #: 303-790-1347		Invoice to:			Custody Seals: NO				
E-mail: mliksi@envirogroup.com					Date/Time Refrigerated: on receipt Temp: 4°C				
						Requested Analysis			
Sample ID	Date Sampled	Time Sampled	Matrix	# of Containers	82608				Remarks
EMW-19	2/8/12	0823	Water	2	X				PCE-TCE only
EBH-18	↓	0924	↓	↓	↓				↓
EBH-19		0938							
EBH-20		0955							
EBH-21		1018							
EBH-22		1032							
EBH-23		1140							
EBH-24		1154							
EBH-22 DUP		1032							
EBH-25	↓	1208	↓	↓	↓				↓
Sampled and Relinquished by:		Date:	Time:	Received by:			Date:	Time:	
<i>Pat MW</i>		2/8/12	1620	<i>Chris Jones</i>			2/8/12	1620	
Relinquished by:		Date:	Time:	Received by:			Date:	Time:	
Relinquished by:		Date:	Time:	Received by:			Date:	Time:	

Chain of Custody



7388 S. Revere Pkwy, #806 Phone: 303-771-5570
 Centennial, CO 80112 Fax: 303-771-5574
 E-mail: john@chemmobile.com

Client Name & Address: EnviroGroup Limited 7009 S Potomac St. Ste 300 Centennial CO 80112		Client Project Name & Location: Casper PCE Orphan Plume Casper WY			ChemSolutions Project #: 015007		
Contact Person: Martina Litasi		Client Project Number: WR-0664			Location Received: onsite		
Phone #: 303-790-1316					Custody Seals: NO		
FAX #: 303-790-1317		Invoice to:			Date/Time Refrigerated: on receipt Temp: 40C		
E-mail: mlitasi@envirogroup.com		Requested Analysis					
Sample ID	Date Sampled	Time Sampled	Matrix	# of Containers	82605		Remarks
EBH-26	2/8/12	1225	Water	2	X		PCE+TCE only
EBH-27	↓	1237	↓	↓	↓		↓
EBH-28	↓	1322	↓	↓	↓		↓
EBH-29	↓	1341	↓	↓	↓		↓
EBH-30	↓	1352	↓	↓	↓		↓
EBH-31	↓	1407	↓	↓	↓		↓
EBH-32	↓	1444	↓	↓	↓		↓
EBH-32 DUP	↓	1444	↓	↓	↓		↓
EBH-33	↓	1500	↓	↓	↓		↓
EBH-34	↓	1512	↓	↓	↓		↓
Sampled and Relinquished by: <i>Patricia</i>		Date: 2/8/12	Time: 1620	Received by: <i>John Lewis</i>		Date: 2/8/12	Time: 1620
Relinquished by:		Date:	Time:	Received by:		Date:	Time:
Relinquished by:		Date:	Time:	Received by:		Date:	Time:



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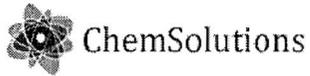
Phone: 303-771-5570

Centennial, CO 80112

Fax: 303-771-5574

E-mail: john@chemmobile.com

Client Name & Address: EnviroGroup Limited 7009 S Potomac St. Ste 300 Centennial CO 80112		Client Project Name & Location: Casper PCE Orphan Plume Casper WY			ChemSolutions Project #: 015007		
Contact Person: Martin Litasz					Location Received: on site		
Phone #: 303-790-1340					Custody Seals: NO		
FAX #: 303-790-1347		Client Project Number: WQ-01664			Date/Time Refrigerated:		
E-mail: mlitasz@envirogroup.com		Invoice to:			on receipt Temp: 4°C		
		Requested Analysis					
Sample ID	Date Sampled	Time Sampled	Matrix	# of Containers	g/gs		Remarks
EBH-35	2/8/12	1525	Water	2	X		PCE + TCE only
EBH-36	↓	1538	↓	↓	↓		↓
EBH-37	↓	1551	↓	↓	↓		↓
EBH-38	↓	1603	↓	↓	↓		↓
		PM 2/8/12					
Sampled and Relinquished by:		Date:	Time:	Received by:		Date:	Time:
[Signature]		2/8/12	1620	[Signature]		2/8/12	1620
Relinquished by:		Date:	Time:	Received by:		Date:	Time:
Relinquished by:		Date:	Time:	Received by:		Date:	Time:



Chain of Custody

1 F 1

7388 S. Revere Pkwy, #806 Phone: 303-771-5570
 Centennial, CO 80112 Fax: 303-771-5574
 E-mail: john@chemmobile.com

Client Name & Address: EnviroGroup Limited 7089 S Potomac St. Ste. 300 Centennial CO 80112		Client Project Name & Location: Casper PCE Orphan Plume Casper WY			ChemSolutions Project #: U15007 Location Received: onsite Custody Seals: NO			
Contact Person: Martina Litas		Client Project Number: WA-0664			Date/Time Refrigerated: on receipt Temp: 4°C			
Phone #: 303-790-1340		Invoice to:			Requested Analysis			
FAX #: 303-790-1347								
E-mail: mlitas@envirogroup.com								
Sample ID	Date Sampled	Time Sampled	Matrix	# of Containers	4240B			Remarks
EBH-39	2/9/12	0913	Water	2	X			PCE-TCE only
EBH-40		0933						
EBH-41		0956						
EBH-42		1010						
EBH-43		1033						
EBH-43 DUP		1033						
EBH-44		1053						
			PM 2/9/12					
Sampled and Relinquished by: Kath MW		Date: 2/9/12	Time: 1311	Received by: John Brown		Date: 2/9/12	Time: 1311	
Relinquished by:		Date:	Time:	Received by:		Date:	Time:	
Relinquished by:		Date:	Time:	Received by:		Date:	Time:	