2665 Park Center Drive, Suite D Simi Valley, California 93065 (805) 526-7161 ph (805) 526-7270 fax

Columbia Analytical Services INC
An Employee - Owned Company

LABORATORY REPORT

Client:	GEOSYNTEC CONSULTANTS, INC.	Date of Report:	06/14/04
Address:	2100 Main Street, Suite 150	Date Received:	05/21/04
	Huntington Beach, CA 92648	CAS Project No:	P2401075
Contact:	Mr. Mike Reardon	Purchase Order:	SB0202/31

Client Project ID: Ascon LF/SB0202/31

Eighteen (18) Stainless Steel Summa Canisters labeled:

"AA-01-051704"	"AA-02-051704"	"AA-03-051704"	"AA-04-051704"
"AA-05-051704"	"AA-07-051704"	"AA-01-051804"	"AA-02-051804"
"AA-03-051804"	"AA-04-051804"	"AA-05-051804"	"AA-07-051804"
"AA-01-051904"	"AA-02-051904"	"AA-03-051904"	"AA-04-051904"
"AA-05-051904"	"AA-07-051904"		

The samples were received at the laboratory under chain of custody on May 21, 2004. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

C1 through C6 Hydrocarbon Analysis

The samples were analyzed per modified EPA Method TO-3 for C_1 through $>C_6$ hydrocarbons using a gas chromatograph equipped with a flame ionization detector (FID).

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

Reviewed and Approved:

Wade Henton
GC-VOA Team Leader
Air Quality Laboratory

2665 Park Center Drive, Suite D Simi Valley, California 93065 (805) 526-7161 ph (805) 526-7270 fax

Columbia Analytical Services INC
An Employee - Owned Company

CAS Project No: P2401075

Volatile Organic Compound Analysis

The samples were also analyzed by combined gas chromatography/mass spectrometry (GC/MS) for selected volatile organic compounds and tentatively identified compounds. The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical systems used were comprised of Hewlett Packard Models 5972 GC/MS/DS and 5973 GC/MS/DS each interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given on the attached data sheets. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-001

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00462

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -4.2 Pf 1 = 3.5

D.F. = 1.73

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.3**	0.87	
C_2 as Ethane	ND	0.87	
C_3 as Propane	ND	0.87	
C_4 as n-Butane	ND	0.87	
C_5 as n-Pentane	ND	0.87	
C_6 as n-Hexane	ND	0.87	
C_6+ as n-Hexane	ND	1.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/1/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-002

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00319

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -2.4 Pf 1 = 3.5

D.F. = 1.48

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.2**	0.74	
C_2 as Ethane	ND	0.74	
C_3 as Propane	ND	0.74	
C_4 as n-Butane	ND	0.74	
C_5 as n-Pentane	ND	0.74	
C_6 as n-Hexane	ND	0.74	
C_6+ as n-Hexane	ND	1.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 6/1/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-003

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00608

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -4.4 Pf 1 = 3.5

D.F. = 1.77

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.5**	0.88	
C_2 as Ethane	ND	0.88	
C_3 as Propane	ND	0.88	
C_4 as n-Butane	ND	0.88	
C_5 as n-Pentane	ND	0.88	
C_6 as n-Hexane	ND	0.88	
C_6+ as n-Hexane	ND	1.8	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-04-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-004

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00416

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -3.2 Pf 1 = 3.5

D.F. = 1.58

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.3**	0.79	
C_2 as Ethane	ND	0.79	
C_3 as Propane	ND	0.79	
C_4 as n-Butane	ND	0.79	
C_5 as n-Pentane	ND	0.79	
C_6 as n-Hexane	ND	0.79	
C_6+ as n-Hexane	ND	1.6	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-05-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-005

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00004

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -4.6 Pf 1 = 3.5

D.F. = 1.80

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.3**	0.90	
C_2 as Ethane	ND	0.90	
C_3 as Propane	ND	0.90	
C_4 as n-Butane	ND	0.90	
C_5 as n-Pentane	ND	0.90	
C_6 as n-Hexane	ND	0.90	
C_6+ as n-Hexane	ND	1.8	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-006

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00357

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -4.0 Pf 1 = 3.5

D.F. = 1.70

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.6**	0.85	
C_2 as Ethane	ND	0.85	
C_3 as Propane	ND	0.85	
C_4 as n-Butane	ND	0.85	
C_5 as n-Pentane	ND	0.85	
C_6 as n-Hexane	ND	0.85	
C_6+ as n-Hexane	ND	1.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-007

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00402

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -8.1 Pf 1 = 1.0

D.F. = 2.38

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.4**	1.2	
C_2 as Ethane	ND	1.2	
C_3 as Propane	ND	1.2	
C_4 as n-Butane	ND	1.2	
C_5 as n-Pentane	ND	1.2	
C_6 as n-Hexane	ND	1.2	
C_6+ as n-Hexane	ND	2.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-008

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00546

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -9.2 Pf 1 = 1.0

D.F. = 2.85

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.7**	1.4	
C_2 as Ethane	ND	1.4	
C_3 as Propane	ND	1.4	
C_4 as n-Butane	ND	1.4	
C_5 as n-Pentane	ND	1.4	
C_6 as n-Hexane	ND	1.4	
C_6+ as n-Hexane	ND	2.9	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-009

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00625

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -11.1 Pf 1 = 1.0

D.F. = 4.36

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.9**	2.2	
C_2 as Ethane	ND	2.2	
C_3 as Propane	ND	2.2	
C_4 as n-Butane	ND	2.2	
C_5 as n-Pentane	ND	2.2	
C_6 as n-Hexane	ND	2.2	
C_6+ as n-Hexane	ND	4.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-04-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-010

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00117

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -7.0 Pf 1 = 1.0

D.F. = 2.04

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.6**	1.0	
C_2 as Ethane	ND	1.0	
C_3 as Propane	ND	1.0	
C_4 as n-Butane	ND	1.0	
C_5 as n-Pentane	ND	1.0	
C_6 as n-Hexane	ND	1.0	
C_6+ as n-Hexane	ND	2.0	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-05-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-011

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00149

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -10.6 Pf 1 = 1.0

D.F. = 3.83

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**3.4**	1.9	
C_2 as Ethane	ND	1.9	
C_3 as Propane	ND	1.9	
C_4 as n-Butane	ND	1.9	
C_5 as n-Pentane	ND	1.9	
C_6 as n-Hexane	ND	1.9	
C_6+ as n-Hexane	ND	3.8	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-012

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00443

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -11.2 Pf 1 = 1.0

D.F. = 4.49

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**3.8**	2.2	
C_2 as Ethane	ND	2.2	
C_3 as Propane	ND	2.2	
C_4 as n-Butane	ND	2.2	
C_5 as n-Pentane	ND	2.2	
C_6 as n-Hexane	ND	2.2	
C_6+ as n-Hexane	ND	4.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KGH Date: 06/10/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051904**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-013

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00202

Date Collected: 5/19/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = 0.1 Pf 1 = 3.5

D.F. = 1.23

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.3**	0.61	
C_2 as Ethane	ND	0.61	
C_3 as Propane	ND	0.61	
C_4 as n-Butane	ND	0.61	
C_5 as n-Pentane	ND	0.61	
C_6 as n-Hexane	ND	0.61	
C_6+ as n-Hexane	ND	1.2	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KLH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051904**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-013DUP

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00202

Date Collected: 5/19/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = 0.1 Pf 1 = 3.5

D.F. = 1.23

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.1**	0.61	
C_2 as Ethane	ND	0.61	
C_3 as Propane	ND	0.61	
C_4 as n-Butane	ND	0.61	
C_5 as n-Pentane	ND	0.61	
C_6 as n-Hexane	ND	0.61	
C_6+ as n-Hexane	ND	1.2	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051904**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-014

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00616

Date Collected: 5/19/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -3.7 Pf 1 = 3.6

D.F. = 1.66

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.2**	0.83	
C_2 as Ethane	ND	0.83	
C_3 as Propane	ND	0.83	
C_4 as n-Butane	ND	0.83	
C_5 as n-Pentane	ND	0.83	
C_6 as n-Hexane	ND	0.83	
C_6+ as n-Hexane	ND	1.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051904**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-015

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00201

Date Collected: 5/19/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -4.3 Pf 1 = 3.5

D.F. = 1.75

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.6**	0.88	
C_2 as Ethane	ND	0.88	
C_3 as Propane	ND	0.88	
C_4 as n-Butane	ND	0.88	
C_5 as n-Pentane	ND	0.88	
C_6 as n-Hexane	ND	0.88	
C_6+ as n-Hexane	ND	1.8	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KLH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-04-051904**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-016

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00297

Date Collected: 5/19/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -3.9 Pf 1 = 3.5

D.F. = 1.69

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.4**	0.84	
C_2 as Ethane	ND	0.84	
C_3 as Propane	ND	0.84	
C_4 as n-Butane	ND	0.84	
C_5 as n-Pentane	ND	0.84	
C_6 as n-Hexane	ND	0.84	
C_6+ as n-Hexane	ND	1.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KLH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-05-051904**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-017

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00479

Date Collected: 5/19/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -4.0 Pf 1 = 3.5

D.F. = 1.70

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.2**	0.85	
C_2 as Ethane	ND	0.85	
C_3 as Propane	ND	0.85	
C_4 as n-Butane	ND	0.85	
C_5 as n-Pentane	ND	0.85	
C_6 as n-Hexane	ND	0.85	
C_6+ as n-Hexane	ND	1.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KuH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051904**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P2401075-018

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00086

Date Collected: 5/19/04
Date Received: 5/21/04
Date Analyzed: 6/2/04
Volume(s) Analyzed: 1.0 ml

Pi 1 = -4.4 Pf 1 = 3.5
D.F. = 1.77

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	**2.7**	0.88	
C_2 as Ethane	ND	0.88	
C_3 as Propane	ND	0.88	
C_4 as n-Butane	ND	0.88	
C_5 as n-Pentane	ND	0.88	
C_6 as n-Hexane	ND	0.88	
C_6+ as n-Hexane	ND	1.8	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID : P2401075
CAS Sample ID : P040602-MB

Test Code: Modified EPA TO-3
Instrument ID: HP5890II/GC8/FID
Analyst: Wade Henton/Regan Lau
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/02/04
Volume(s) Analyzed: 1.0 ml

D.F. = 1.00

Compound	Result ppmV	MRL ppmV	Data Qualifier
Methane	ND	0.50	
C_2 as Ethane	ND	0.50	
C_3 as Propane	ND	0.50	
C_4 as n-Butane	ND	0.50	
C_5 as n-Pentane	ND	0.50	
C_6 as n-Hexane	ND	0.50	
C_6+ as n-Hexane	ND	1.0	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KCH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00462

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.2 Pf 1 = 3.5

D.F. = 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	0.87	ND	0.42	
75-01-4	Vinyl Chloride	ND	0.87	ND	0.34	
106-99-0	1,3-Butadiene	ND	0.87	ND	0.39	
74-83-9	Bromomethane	ND	0.87	ND	0.22	
75-00-3	Chloroethane	ND	0.87	ND	0.33	
67-64-1	Acetone	**19**	8.7	**7.9**	3.6	
75-69-4	Trichlorofluoromethane	**1.1**	0.87	**0.19**	0.15	
107-13-1	Acrylonitrile	ND	0.87	ND	0.40	
75-35-4	1,1-Dichloroethene	ND	0.87	ND	0.22	
75-09-2	Methylene chloride	**3.8**	0.87	**1.1**	0.25	
76-13-1	Trichlorotrifluoroethane	ND	0.87	ND	0.11	
75-15-0	Carbon Disulfide	ND	0.87	ND	0.28	
156-60-5	trans-1,2-Dichloroethene	ND	0.87	ND	0.22	
75-34-3	1,1-Dichloroethane	ND	0.87	ND	0.21	
1634-04-4	Methyl tert-Butyl Ether	ND	0.87	ND	0.24	
108-05-4	Vinyl Acetate	**5.1**	0.87	**1.4**	0.25	
78-93-3	2-Butanone (MEK)	**4.8**	0.87	**1.6**	0.29	
156-59-2	cis-1,2-Dichloroethene	ND	0.87	ND	0.22	
67-66-3	Chloroform	ND	0.87	ND	0.18	
107-06-2	1,2-Dichloroethane	ND	0.87	ND	0.21	
71-55-6	1,1,1-Trichloroethane	ND	0.87	ND	0.16	
71-43-2	Benzene	ND	0.87	ND	0.27	
56-23-5	Carbon Tetrachloride	ND	0.87	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/14/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00462

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.2 Pf 1 = 3.5

D.F. = 1.73

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	0.87	ND	0.19	
75-27-4	Bromodichloromethane	ND	0.87	ND	0.13	
79-01-6	Trichloroethene	ND	0.87	ND	0.16	
10061-01-5	cis-1,3-Dichloropropene	ND	0.87	ND	0.19	
108-10-1	4-Methyl-2-pentanone	ND	0.87	ND	0.21	
10061-02-6	trans-1,3-Dichloropropene	ND	0.87	ND	0.19	
79-00-5	1,1,2-Trichloroethane	ND	0.87	ND	0.16	
108-88-3	Toluene	**5.9**	0.87	**1.6**	0.23	
591-78-6	2-Hexanone	ND	0.87	ND	0.21	
124-48-1	Dibromochloromethane	ND	0.87	ND	0.10	
106-93-4	1,2-Dibromoethane	ND	0.87	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.87	ND	0.13	
108-90-7	Chlorobenzene	ND	0.87	ND	0.19	
100-41-4	Ethylbenzene	ND	0.87	ND	0.20	
136777-61-2	*m,p*-Xylenes	ND	1.7	ND	0.40	
75-25-2	Bromoform	ND	0.87	ND	0.084	
100-42-5	Styrene	ND	0.87	ND	0.20	
95-47-6	o-Xylene	ND	0.87	ND	0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.87	ND	0.13	
541-73-1	1,3-Dichlorobenzene	ND	0.87	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.87	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.87	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KLH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-001

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00462

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.2 Pf 1 = 3.5
D.F. = 1.73

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
5.39	Acetaldehyde	**7**	
6.29	Ethanol	**20**	
9.57	Acetic Acid	**10**	
23.99	Unidentified Siloxane (Possible Artifact)	**4**	
27.19	Unidentified Siloxane (Possible Artifact)	**5**	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: KHH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00319

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	**0.75**	0.74	**0.37**	0.36	
75-01-4	Vinyl Chloride	ND	0.74	ND	0.29	
106-99-0	1,3-Butadiene	ND	0.74	ND	0.33	
74-83-9	Bromomethane	ND	0.74	ND	0.19	
75-00-3	Chloroethane	ND	0.74	ND	0.28	
67-64-1	Acetone	**8.9**	7.4	**3.7**	3.1	
75-69-4	Trichlorofluoromethane	**1.1**	0.74	**0.19**	0.13	
107-13-1	Acrylonitrile	ND	0.74	ND	0.34	
75-35-4	1,1-Dichloroethene	ND	0.74	ND	0.19	
75-09-2	Methylene chloride	ND	0.74	ND	0.21	
76-13-1	Trichlorotrifluoroethane	ND	0.74	ND	0.10	
75-15-0	Carbon Disulfide	ND	0.74	ND	0.24	
156-60-5	trans-1,2-Dichloroethene	ND	0.74	ND	0.19	
75-34-3	1,1-Dichloroethane	ND	0.74	ND	0.18	
1634-04-4	Methyl tert-Butyl Ether	ND	0.74	ND	0.21	
108-05-4	Vinyl Acetate	**2.9**	0.74	**0.82**	0.21	
78-93-3	2-Butanone (MEK)	**1.3**	0.74	**0.44**	0.25	
156-59-2	cis-1,2-Dichloroethene	ND	0.74	ND	0.19	
67-66-3	Chloroform	ND	0.74	ND	0.15	
107-06-2	1,2-Dichloroethane	ND	0.74	ND	0.18	
71-55-6	1,1,1-Trichloroethane	ND	0.74	ND	0.14	
71-43-2	Benzene	ND	0.74	ND	0.23	
56-23-5	Carbon Tetrachloride	ND	0.74	ND	0.12	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00319

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5

D.F. = 1.48

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	0.74	ND	0.16	
75-27-4	Bromodichloromethane	ND	0.74	ND	0.11	
79-01-6	Trichloroethene	ND	0.74	ND	0.14	
10061-01-5	cis-1,3-Dichloropropene	ND	0.74	ND	0.16	
108-10-1	4-Methyl-2-pentanone	ND	0.74	ND	0.18	
10061-02-6	trans-1,3-Dichloropropene	ND	0.74	ND	0.16	
79-00-5	1,1,2-Trichloroethane	ND	0.74	ND	0.14	
108-88-3	Toluene	**1.2**	0.74	**0.31**	0.20	
591-78-6	2-Hexanone	ND	0.74	ND	0.18	
124-48-1	Dibromochloromethane	ND	0.74	ND	0.09	
106-93-4	1,2-Dibromoethane	ND	0.74	ND	0.10	
127-18-4	Tetrachloroethene	ND	0.74	ND	0.11	
108-90-7	Chlorobenzene	ND	0.74	ND	0.16	
100-41-4	Ethylbenzene	ND	0.74	ND	0.17	
136777-61-2	*m,p*-Xylenes	ND	1.5	ND	0.34	
75-25-2	Bromoform	ND	0.74	ND	0.072	
100-42-5	Styrene	ND	0.74	ND	0.17	
95-47-6	o-Xylene	ND	0.74	ND	0.17	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.74	ND	0.11	
541-73-1	1,3-Dichlorobenzene	ND	0.74	ND	0.12	
106-46-7	1,4-Dichlorobenzene	ND	0.74	ND	0.12	
95-50-1	1,2-Dichlorobenzene	ND	0.74	ND	0.12	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-002

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00319

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -2.4 Pf 1 = 3.5
D.F. = 1.48

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
5.41	Acetaldehyde	**4**	
6.31	Ethanol	**40**	
23.99	Unidentified Siloxane (Possible Artifact)	**5**	
27.19	Unidentified Siloxane (Possible Artifact)	**8**	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: KCH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00608

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.4 Pf 1 = 3.5
D.F. = 1.77

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	0.89	ND	0.43	
75-01-4	Vinyl Chloride	ND	0.89	ND	0.35	
106-99-0	1,3-Butadiene	ND	0.89	ND	0.40	
74-83-9	Bromomethane	ND	0.89	ND	0.23	
75-00-3	Chloroethane	ND	0.89	ND	0.34	
67-64-1	Acetone	**13**	8.9	**5.3**	3.7	
75-69-4	Trichlorofluoromethane	**1.0**	0.89	**0.18**	0.16	
107-13-1	Acrylonitrile	ND	0.89	ND	0.41	
75-35-4	1,1-Dichloroethene	ND	0.89	ND	0.22	
75-09-2	Methylene chloride	ND	0.89	ND	0.25	
76-13-1	Trichlorotrifluoroethane	ND	0.89	ND	0.12	
75-15-0	Carbon Disulfide	ND	0.89	ND	0.28	
156-60-5	trans-1,2-Dichloroethene	ND	0.89	ND	0.22	
75-34-3	1,1-Dichloroethane	ND	0.89	ND	0.22	
1634-04-4	Methyl tert-Butyl Ether	ND	0.89	ND	0.25	
108-05-4	Vinyl Acetate	**1.0**	0.89	**0.27**	0.25	
78-93-3	2-Butanone (MEK)	**1.8**	0.89	**0.62**	0.30	
156-59-2	cis-1,2-Dichloroethene	ND	0.89	ND	0.22	
67-66-3	Chloroform	ND	0.89	ND	0.18	
107-06-2	1,2-Dichloroethane	ND	0.89	ND	0.22	
71-55-6	1,1,1-Trichloroethane	ND	0.89	ND	0.16	
71-43-2	Benzene	ND	0.89	ND	0.28	
56-23-5	Carbon Tetrachloride	ND	0.89	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00608

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.4 Pf 1 = 3.5

D.F. = 1.77

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	0.89	ND	0.19	
75-27-4	Bromodichloromethane	ND	0.89	ND	0.13	
79-01-6	Trichloroethene	ND	0.89	ND	0.16	
10061-01-5	cis-1,3-Dichloropropene	ND	0.89	ND	0.20	
108-10-1	4-Methyl-2-pentanone	ND	0.89	ND	0.22	
10061-02-6	trans-1,3-Dichloropropene	ND	0.89	ND	0.20	
79-00-5	1,1,2-Trichloroethane	ND	0.89	ND	0.16	
108-88-3	Toluene	ND	0.89	ND	0.23	
591-78-6	2-Hexanone	ND	0.89	ND	0.22	
124-48-1	Dibromochloromethane	ND	0.89	ND	0.10	
106-93-4	1,2-Dibromoethane	ND	0.89	ND	0.12	
127-18-4	Tetrachloroethene	ND	0.89	ND	0.13	
108-90-7	Chlorobenzene	ND	0.89	ND	0.19	
100-41-4	Ethylbenzene	ND	0.89	ND	0.20	
136777-61-2	*m,p*-Xylenes	ND	1.8	ND	0.41	
75-25-2	Bromoform	ND	0.89	ND	0.086	
100-42-5	Styrene	ND	0.89	ND	0.21	
95-47-6	o-Xylene	ND	0.89	ND	0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.89	ND	0.13	
541-73-1	1,3-Dichlorobenzene	ND	0.89	ND	0.15	
106-46-7	1,4-Dichlorobenzene	ND	0.89	ND	0.15	
95-50-1	1,2-Dichlorobenzene	ND	0.89	ND	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-003

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00608

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.4 Pf 1 = 3.5
D.F. = 1.77

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
5.39	Acetaldehyde	**4**	
6.29	Ethanol	**10**	
9.55	Acetic Acid	**8**	
17.20	Hexanal	**4**	
18.73	Hexamethylcyclotrisiloxane (Possible Artifact)	**5**	
20.94	Heptanal	**6**	
23.37	Methylheptenone Isomer	**6**	
23.85	Octanal	**10**	
23.99	Unidentified Siloxane (Possible Artifact)	**5**	
26.13	Nonanal	**20**	
27.00	Unidentified Siloxane (Possible Artifact)	**10**	
27.82	Decanal	**5**	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: KLH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-04-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00416

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.2 Pf 1 = 3.5

D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	**1.1**	0.79	**0.54**	0.38	
75-01-4	Vinyl Chloride	ND	0.79	ND	0.31	
106-99-0	1,3-Butadiene	ND	0.79	ND	0.36	
74-83-9	Bromomethane	ND	0.79	ND	0.20	
75-00-3	Chloroethane	ND	0.79	ND	0.30	
67-64-1	Acetone	**21**	7.9	**8.7**	3.3	
75-69-4	Trichlorofluoromethane	**1.0**	0.79	**0.18**	0.14	
107-13-1	Acrylonitrile	ND	0.79	ND	0.36	
75-35-4	1,1-Dichloroethene	ND	0.79	ND	0.20	
75-09-2	Methylene chloride	ND	0.79	ND	0.23	
76-13-1	Trichlorotrifluoroethane	ND	0.79	ND	0.10	
75-15-0	Carbon Disulfide	**1.2**	0.79	**0.39**	0.25	
156-60-5	trans-1,2-Dichloroethene	ND	0.79	ND	0.20	
75-34-3	1,1-Dichloroethane	ND	0.79	ND	0.20	
1634-04-4	Methyl tert-Butyl Ether	ND	0.79	ND	0.22	
108-05-4	Vinyl Acetate	**3.3**	0.79	**0.94**	0.22	
78-93-3	2-Butanone (MEK)	**3.1**	0.79	**1.1**	0.27	
156-59-2	cis-1,2-Dichloroethene	ND	0.79	ND	0.20	
67-66-3	Chloroform	ND	0.79	ND	0.16	
107-06-2	1,2-Dichloroethane	ND	0.79	ND	0.20	
71-55-6	1,1,1-Trichloroethane	ND	0.79	ND	0.14	
71-43-2	Benzene	ND	0.79	ND	0.25	
56-23-5	Carbon Tetrachloride	ND	0.79	ND	0.13	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-04-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00416

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.2 Pf 1 = 3.5

D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	0.79	ND	0.17	
75-27-4	Bromodichloromethane	ND	0.79	ND	0.12	
79-01-6	Trichloroethene	ND	0.79	ND	0.15	
10061-01-5	cis-1,3-Dichloropropene	ND	0.79	ND	0.17	
108-10-1	4-Methyl-2-pentanone	ND	0.79	ND	0.19	
10061-02-6	trans-1,3-Dichloropropene	ND	0.79	ND	0.17	
79-00-5	1,1,2-Trichloroethane	ND	0.79	ND	0.14	
108-88-3	Toluene	**0.81**	0.79	**0.21**	0.21	
591-78-6	2-Hexanone	ND	0.79	ND	0.19	
124-48-1	Dibromochloromethane	ND	0.79	ND	0.09	
106-93-4	1,2-Dibromoethane	ND	0.79	ND	0.10	
127-18-4	Tetrachloroethene	ND	0.79	ND	0.12	
108-90-7	Chlorobenzene	ND	0.79	ND	0.17	
100-41-4	Ethylbenzene	ND	0.79	ND	0.18	
136777-61-2	*m,p*-Xylenes	ND	1.6	ND	0.36	
75-25-2	Bromoform	ND	0.79	ND	0.076	
100-42-5	Styrene	ND	0.79	ND	0.19	
95-47-6	o-Xylene	ND	0.79	ND	0.18	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.79	ND	0.12	
541-73-1	1,3-Dichlorobenzene	ND	0.79	ND	0.13	
106-46-7	1,4-Dichlorobenzene	ND	0.79	ND	0.13	
95-50-1	1,2-Dichlorobenzene	ND	0.79	ND	0.13	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-04-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-004

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00416

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -3.2 Pf 1 = 3.5
D.F. = 1.58

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
5.38	Acetaldehyde	**6**	
6.29	Ethanol	**10**	
18.22	Furfural	**10**	
18.73	Hexamethylcyclotrisiloxane (Possible Artifact)	**5**	
22.72	Benzaldehyde	**4**	
23.99	Unidentified Siloxane (Possible Artifact)	**7**	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: _____ Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-05-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00004

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.6 Pf 1 = 3.5

D.F. = 1.80

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	**1.3**	0.90	**0.64**	0.44	
75-01-4	Vinyl Chloride	ND	0.90	ND	0.35	
106-99-0	1,3-Butadiene	ND	0.90	ND	0.41	
74-83-9	Bromomethane	ND	0.90	ND	0.23	
75-00-3	Chloroethane	ND	0.90	ND	0.34	
67-64-1	Acetone	**12**	9.0	**4.8**	3.8	
75-69-4	Trichlorofluoromethane	**1.0**	0.90	**0.18**	0.16	
107-13-1	Acrylonitrile	ND	0.90	ND	0.41	
75-35-4	1,1-Dichloroethene	ND	0.90	ND	0.23	
75-09-2	Methylene chloride	ND	0.90	ND	0.26	
76-13-1	Trichlorotrifluoroethane	ND	0.90	ND	0.12	
75-15-0	Carbon Disulfide	ND	0.90	ND	0.29	
156-60-5	trans-1,2-Dichloroethene	ND	0.90	ND	0.23	
75-34-3	1,1-Dichloroethane	ND	0.90	ND	0.22	
1634-04-4	Methyl tert-Butyl Ether	ND	0.90	ND	0.25	
108-05-4	Vinyl Acetate	**1.3**	0.90	**0.38**	0.26	
78-93-3	2-Butanone (MEK)	**1.4**	0.90	**0.48**	0.31	
156-59-2	cis-1,2-Dichloroethene	ND	0.90	ND	0.23	
67-66-3	Chloroform	ND	0.90	ND	0.18	
107-06-2	1,2-Dichloroethane	ND	0.90	ND	0.22	
71-55-6	1,1,1-Trichloroethane	ND	0.90	ND	0.17	
71-43-2	Benzene	ND	0.90	ND	0.28	
56-23-5	Carbon Tetrachloride	ND	0.90	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-05-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00004

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.6 Pf 1 = 3.5

D.F. = 1.80

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	0.90	ND	0.19	
75-27-4	Bromodichloromethane	ND	0.90	ND	0.13	
79-01-6	Trichloroethene	ND	0.90	ND	0.17	
10061-01-5	cis-1,3-Dichloropropene	ND	0.90	ND	0.20	
108-10-1	4-Methyl-2-pentanone	ND	0.90	ND	0.22	
10061-02-6	trans-1,3-Dichloropropene	ND	0.90	ND	0.20	
79-00-5	1,1,2-Trichloroethane	ND	0.90	ND	0.17	
108-88-3	Toluene	ND	0.90	ND	0.24	
591-78-6	2-Hexanone	ND	0.90	ND	0.22	
124-48-1	Dibromochloromethane	ND	0.90	ND	0.11	
106-93-4	1,2-Dibromoethane	ND	0.90	ND	0.12	
127-18-4	Tetrachloroethene	ND	0.90	ND	0.13	
108-90-7	Chlorobenzene	ND	0.90	ND	0.20	
100-41-4	Ethylbenzene	ND	0.90	ND	0.21	
136777-61-2	*m,p*-Xylenes	ND	1.8	ND	0.41	
75-25-2	Bromoform	ND	0.90	ND	0.087	
100-42-5	Styrene	ND	0.90	ND	0.21	
95-47-6	o-Xylene	ND	0.90	ND	0.21	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.90	ND	0.13	
541-73-1	1,3-Dichlorobenzene	ND	0.90	ND	0.15	
106-46-7	1,4-Dichlorobenzene	ND	0.90	ND	0.15	
95-50-1	1,2-Dichlorobenzene	ND	0.90	ND	0.15	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 6/11/04

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-05-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-005

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5973/HP6890/MS3
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00004

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/5/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.6 Pf 1 = 3.5
D.F. = 1.80

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
6.29	Ethanol	40	
9.33	Butanal	4	
18.73	Hexamethylcyclotrisiloxane (Possible Artifact)	20	
20.95	Heptanal	4	
23.36	Methylheptenone Isomer	5	
23.85	Octanal	4	
24.58	2-Ethyl-1-hexanol	10	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: KMH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00357

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5

D.F. = 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	0.85	ND	0.41	
75-01-4	Vinyl Chloride	ND	0.85	ND	0.33	
106-99-0	1,3-Butadiene	ND	0.85	ND	0.38	
74-83-9	Bromomethane	ND	0.85	ND	0.22	
75-00-3	Chloroethane	ND	0.85	ND	0.32	
67-64-1	Acetone	**18**	8.5	**7.4**	3.6	
75-69-4	Trichlorofluoromethane	**1.3**	0.85	**0.22**	0.15	
107-13-1	Acrylonitrile	ND	0.85	ND	0.39	
75-35-4	1,1-Dichloroethene	ND	0.85	ND	0.21	
75-09-2	Methylene chloride	ND	0.85	ND	0.24	
76-13-1	Trichlorotrifluoroethane	ND	0.85	ND	0.11	
75-15-0	Carbon Disulfide	ND	0.85	ND	0.27	
156-60-5	trans-1,2-Dichloroethene	ND	0.85	ND	0.21	
75-34-3	1,1-Dichloroethane	ND	0.85	ND	0.21	
1634-04-4	Methyl tert-Butyl Ether	ND	0.85	ND	0.24	
108-05-4	Vinyl Acetate	**3.6**	0.85	**1.0**	0.24	
78-93-3	2-Butanone (MEK)	**1.3**	0.85	**0.44**	0.29	
156-59-2	cis-1,2-Dichloroethene	ND	0.85	ND	0.21	
67-66-3	Chloroform	ND	0.85	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.85	ND	0.21	
71-55-6	1,1,1-Trichloroethane	ND	0.85	ND	0.16	
71-43-2	Benzene	ND	0.85	ND	0.27	
56-23-5	Carbon Tetrachloride	ND	0.85	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00357

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5

D.F. = 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	0.85	ND	0.18	
75-27-4	Bromodichloromethane	ND	0.85	ND	0.13	
79-01-6	Trichloroethene	ND	0.85	ND	0.16	
10061-01-5	cis-1,3-Dichloropropene	ND	0.85	ND	0.19	
108-10-1	4-Methyl-2-pentanone	ND	0.85	ND	0.21	
10061-02-6	trans-1,3-Dichloropropene	ND	0.85	ND	0.19	
79-00-5	1,1,2-Trichloroethane	ND	0.85	ND	0.16	
108-88-3	Toluene	ND	0.85	ND	0.23	
591-78-6	2-Hexanone	ND	0.85	ND	0.21	
124-48-1	Dibromochloromethane	ND	0.85	ND	0.10	
106-93-4	1,2-Dibromoethane	ND	0.85	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.85	ND	0.13	
108-90-7	Chlorobenzene	ND	0.85	ND	0.18	
100-41-4	Ethylbenzene	ND	0.85	ND	0.20	
136777-61-2	*m,p*-Xylenes	ND	1.7	ND	0.39	
75-25-2	Bromoform	ND	0.85	ND	0.082	
100-42-5	Styrene	ND	0.85	ND	0.20	
95-47-6	o-Xylene	ND	0.85	ND	0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.85	ND	0.12	
541-73-1	1,3-Dichlorobenzene	ND	0.85	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.85	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.85	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 06/11/04

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-006

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00357

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5
D.F. = 1.70

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
6.19	Ethanol	**40**	
9.63	Acetic Acid	**10**	
12.47	1-Methoxy-2-propanol	**6**	
23.71	Benzaldehyde	**40**	
29.39	3-Phenylacrolein	**4**	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: KMH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-006DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00357

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5

D.F. = 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	0.85	ND	0.41	
75-01-4	Vinyl Chloride	ND	0.85	ND	0.33	
106-99-0	1,3-Butadiene	ND	0.85	ND	0.38	
74-83-9	Bromomethane	ND	0.85	ND	0.22	
75-00-3	Chloroethane	ND	0.85	ND	0.32	
67-64-1	Acetone	**17**	8.5	**7.3**	3.6	
75-69-4	Trichlorofluoromethane	**1.2**	0.85	**0.21**	0.15	
107-13-1	Acrylonitrile	ND	0.85	ND	0.39	
75-35-4	1,1-Dichloroethene	ND	0.85	ND	0.21	
75-09-2	Methylene chloride	ND	0.85	ND	0.24	
76-13-1	Trichlorotrifluoroethane	ND	0.85	ND	0.11	
75-15-0	Carbon Disulfide	ND	0.85	ND	0.27	
156-60-5	trans-1,2-Dichloroethene	ND	0.85	ND	0.21	
75-34-3	1,1-Dichloroethane	ND	0.85	ND	0.21	
1634-04-4	Methyl tert-Butyl Ether	ND	0.85	ND	0.24	
108-05-4	Vinyl Acetate	**3.4**	0.85	**1.0**	0.24	
78-93-3	2-Butanone (MEK)	**1.3**	0.85	**0.43**	0.29	
156-59-2	cis-1,2-Dichloroethene	ND	0.85	ND	0.21	
67-66-3	Chloroform	ND	0.85	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.85	ND	0.21	
71-55-6	1,1,1-Trichloroethane	ND	0.85	ND	0.16	
71-43-2	Benzene	ND	0.85	ND	0.27	
56-23-5	Carbon Tetrachloride	ND	0.85	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KSH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-006DUP

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00357

Date Collected: 5/17/04
Date Received: 5/21/04
Date(s) Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5

D.F. = 1.70

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	0.85	ND	0.18	
75-27-4	Bromodichloromethane	ND	0.85	ND	0.13	
79-01-6	Trichloroethene	ND	0.85	ND	0.16	
10061-01-5	cis-1,3-Dichloropropene	ND	0.85	ND	0.19	
108-10-1	4-Methyl-2-pentanone	ND	0.85	ND	0.21	
10061-02-6	trans-1,3-Dichloropropene	ND	0.85	ND	0.19	
79-00-5	1,1,2-Trichloroethane	ND	0.85	ND	0.16	
108-88-3	Toluene	ND	0.85	ND	0.23	
591-78-6	2-Hexanone	ND	0.85	ND	0.21	
124-48-1	Dibromochloromethane	ND	0.85	ND	0.10	
106-93-4	1,2-Dibromoethane	ND	0.85	ND	0.11	
127-18-4	Tetrachloroethene	ND	0.85	ND	0.13	
108-90-7	Chlorobenzene	ND	0.85	ND	0.18	
100-41-4	Ethylbenzene	ND	0.85	ND	0.20	
136777-61-2	*m,p*-Xylenes	ND	1.7	ND	0.39	
75-25-2	Bromoform	ND	0.85	ND	0.082	
100-42-5	Styrene	ND	0.85	ND	0.20	
95-47-6	o-Xylene	ND	0.85	ND	0.20	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.85	ND	0.12	
541-73-1	1,3-Dichlorobenzene	ND	0.85	ND	0.14	
106-46-7	1,4-Dichlorobenzene	ND	0.85	ND	0.14	
95-50-1	1,2-Dichlorobenzene	ND	0.85	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 06/11/04

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-07-051704**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-006DUP

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00357

Date Collected: 5/17/04
Date Received: 5/21/04
Date Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -4.0 Pf 1 = 3.5
D.F. = 1.70

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
6.19	Ethanol	**30**	
9.55	Acetic Acid	**5**	
12.47	1-Methoxy-2-propanol	**4**	
23.72	Benzaldehyde	**40**	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: KHH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00402

Date Collected: 5/18/04
Date Received: 5/21/04
Date(s) Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -8.1 Pf 1 = 1.0

D.F. = 2.38

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.2	ND	0.58	
75-01-4	Vinyl Chloride	ND	1.2	ND	0.47	
106-99-0	1,3-Butadiene	ND	1.2	ND	0.54	
74-83-9	Bromomethane	ND	1.2	ND	0.31	
75-00-3	Chloroethane	ND	1.2	ND	0.45	
67-64-1	Acetone	ND	12	ND	5.0	
75-69-4	Trichlorofluoromethane	ND	1.2	ND	0.21	
107-13-1	Acrylonitrile	ND	1.2	ND	0.55	
75-35-4	1,1-Dichloroethene	ND	1.2	ND	0.30	
75-09-2	Methylene chloride	ND	1.2	ND	0.34	
76-13-1	Trichlorotrifluoroethane	ND	1.2	ND	0.16	
75-15-0	Carbon Disulfide	ND	1.2	ND	0.38	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	ND	0.30	
75-34-3	1,1-Dichloroethane	ND	1.2	ND	0.29	
1634-04-4	Methyl tert-Butyl Ether	ND	1.2	ND	0.33	
108-05-4	Vinyl Acetate	**2.3**	1.2	**0.64**	0.34	
78-93-3	2-Butanone (MEK)	**2.6**	1.2	**0.89**	0.40	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	ND	0.30	
67-66-3	Chloroform	ND	1.2	ND	0.24	
107-06-2	1,2-Dichloroethane	ND	1.2	ND	0.29	
71-55-6	1,1,1-Trichloroethane	ND	1.2	ND	0.22	
71-43-2	Benzene	ND	1.2	ND	0.37	
56-23-5	Carbon Tetrachloride	ND	1.2	ND	0.19	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00402

Date Collected: 5/18/04
Date Received: 5/21/04
Date(s) Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -8.1 Pf 1 = 1.0

D.F. = 2.38

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	1.2	ND	0.26	
75-27-4	Bromodichloromethane	ND	1.2	ND	0.18	
79-01-6	Trichloroethene	ND	1.2	ND	0.22	
10061-01-5	cis-1,3-Dichloropropene	ND	1.2	ND	0.26	
108-10-1	4-Methyl-2-pentanone	ND	1.2	ND	0.29	
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	ND	0.26	
79-00-5	1,1,2-Trichloroethane	ND	1.2	ND	0.22	
108-88-3	Toluene	**6.4**	1.2	**1.7**	0.32	
591-78-6	2-Hexanone	ND	1.2	ND	0.29	
124-48-1	Dibromochloromethane	ND	1.2	ND	0.14	
106-93-4	1,2-Dibromoethane	ND	1.2	ND	0.15	
127-18-4	Tetrachloroethene	ND	1.2	ND	0.18	
108-90-7	Chlorobenzene	ND	1.2	ND	0.26	
100-41-4	Ethylbenzene	**1.2**	1.2	**0.27**	0.27	
136777-61-2	*m,p*-Xylenes	ND	2.4	ND	0.55	
75-25-2	Bromoform	ND	1.2	ND	0.12	
100-42-5	Styrene	ND	1.2	ND	0.28	
95-47-6	o-Xylene	ND	1.2	ND	0.27	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.2	ND	0.17	
541-73-1	1,3-Dichlorobenzene	ND	1.2	ND	0.20	
106-46-7	1,4-Dichlorobenzene	ND	1.2	ND	0.20	
95-50-1	1,2-Dichlorobenzene	ND	1.2	ND	0.20	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: _____ Date: 06/11/04

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-01-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-007

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00402

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/7/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -8.1 Pf 1 = 1.0
D.F. = 2.38

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
6.17	Ethanol	**10**	
19.50	Hexamethylcyclotrisiloxane (Possible Artifact)	**20**	
21.88	Heptanal	**6**	
24.82	Octanal	**6**	
24.98	Unidentified Siloxane (Possible Artifact)	**6**	
25.51	2-Ethyl-1-hexanol	**6**	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: KMH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00546

Date Collected: 5/18/04
Date Received: 5/21/04
Date(s) Analyzed: 6/8/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -9.2 Pf 1 = 1.0

D.F. = 2.85

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	1.4	ND	0.69	
75-01-4	Vinyl Chloride	ND	1.4	ND	0.56	
106-99-0	1,3-Butadiene	ND	1.4	ND	0.64	
74-83-9	Bromomethane	ND	1.4	ND	0.37	
75-00-3	Chloroethane	ND	1.4	ND	0.54	
67-64-1	Acetone	**29**	14	**12**	6.0	
75-69-4	Trichlorofluoromethane	ND	1.4	ND	0.25	
107-13-1	Acrylonitrile	ND	1.4	ND	0.66	
75-35-4	1,1-Dichloroethene	ND	1.4	ND	0.36	
75-09-2	Methylene chloride	ND	1.4	ND	0.41	
76-13-1	Trichlorotrifluoroethane	ND	1.4	ND	0.19	
75-15-0	Carbon Disulfide	ND	1.4	ND	0.46	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	ND	0.36	
75-34-3	1,1-Dichloroethane	ND	1.4	ND	0.35	
1634-04-4	Methyl tert-Butyl Ether	ND	1.4	ND	0.40	
108-05-4	Vinyl Acetate	**4.4**	1.4	**1.3**	0.40	
78-93-3	2-Butanone (MEK)	**4.5**	1.4	**1.5**	0.48	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	ND	0.36	
67-66-3	Chloroform	ND	1.4	ND	0.29	
107-06-2	1,2-Dichloroethane	ND	1.4	ND	0.35	
71-55-6	1,1,1-Trichloroethane	ND	1.4	ND	0.26	
71-43-2	Benzene	ND	1.4	ND	0.45	
56-23-5	Carbon Tetrachloride	ND	1.4	ND	0.23	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KMH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00546

Date Collected: 5/18/04
Date Received: 5/21/04
Date(s) Analyzed: 6/8/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -9.2 Pf 1 = 1.0
D.F. = 2.85

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	1.4	ND	0.31	
75-27-4	Bromodichloromethane	ND	1.4	ND	0.21	
79-01-6	Trichloroethene	ND	1.4	ND	0.27	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	ND	0.31	
108-10-1	4-Methyl-2-pentanone	ND	1.4	ND	0.35	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	ND	0.31	
79-00-5	1,1,2-Trichloroethane	ND	1.4	ND	0.26	
108-88-3	Toluene	**6.5**	1.4	**1.7**	0.38	
591-78-6	2-Hexanone	**1.6**	1.4	**0.39**	0.35	
124-48-1	Dibromochloromethane	ND	1.4	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.4	ND	0.19	
127-18-4	Tetrachloroethene	ND	1.4	ND	0.21	
108-90-7	Chlorobenzene	ND	1.4	ND	0.31	
100-41-4	Ethylbenzene	ND	1.4	ND	0.33	
136777-61-2	*m,p*-Xylenes	ND	2.9	ND	0.66	
75-25-2	Bromoform	ND	1.4	ND	0.14	
100-42-5	Styrene	ND	1.4	ND	0.33	
95-47-6	o-Xylene	ND	1.4	ND	0.33	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	ND	0.21	
541-73-1	1,3-Dichlorobenzene	ND	1.4	ND	0.24	
106-46-7	1,4-Dichlorobenzene	ND	1.4	ND	0.24	
95-50-1	1,2-Dichlorobenzene	ND	1.4	ND	0.24	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-02-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-008

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00546

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/8/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -9.2 Pf 1 = 1.0
D.F. = 2.85

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
5.29	Acetaldehyde	10	
6.18	Ethanol	20	
9.16	Butanal	8	
9.57	Acetic Acid	10	
13.13	Pentanal	10	
17.81	Hexanal	10	
19.51	Hexamethylcyclotrisiloxane (Possible Artifact)	10	
21.88	Heptanal	20	
24.83	Octanal	20	
24.98	Unidentified Siloxane (Possible Artifact)	10	
26.90	Nonanal	8	
27.11	n-Undecane	7	
27.90	Unidentified Siloxane (Possible Artifact)	10	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: KH Date: 6/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00625

Date Collected: 5/18/04
Date Received: 5/21/04
Date(s) Analyzed: 6/8/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -11.1 Pf 1 = 1.0

D.F. = 4.36

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
74-87-3	Chloromethane	ND	2.2	ND	1.1	
75-01-4	Vinyl Chloride	ND	2.2	ND	0.85	
106-99-0	1,3-Butadiene	ND	2.2	ND	0.99	
74-83-9	Bromomethane	ND	2.2	ND	0.56	
75-00-3	Chloroethane	ND	2.2	ND	0.83	
67-64-1	Acetone	**26**	22	**11**	9.2	
75-69-4	Trichlorofluoromethane	ND	2.2	ND	0.39	
107-13-1	Acrylonitrile	ND	2.2	ND	1.0	
75-35-4	1,1-Dichloroethene	ND	2.2	ND	0.55	
75-09-2	Methylene chloride	ND	2.2	ND	0.63	
76-13-1	Trichlorotrifluoroethane	ND	2.2	ND	0.28	
75-15-0	Carbon Disulfide	ND	2.2	ND	0.70	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	ND	0.55	
75-34-3	1,1-Dichloroethane	ND	2.2	ND	0.54	
1634-04-4	Methyl tert-Butyl Ether	ND	2.2	ND	0.60	
108-05-4	Vinyl Acetate	**6.6**	2.2	**1.9**	0.62	
78-93-3	2-Butanone (MEK)	**5.4**	2.2	**1.8**	0.74	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	ND	0.55	
67-66-3	Chloroform	ND	2.2	ND	0.45	
107-06-2	1,2-Dichloroethane	ND	2.2	ND	0.54	
71-55-6	1,1,1-Trichloroethane	ND	2.2	ND	0.40	
71-43-2	Benzene	ND	2.2	ND	0.68	
56-23-5	Carbon Tetrachloride	ND	2.2	ND	0.35	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KHH Date: 06/11/04

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes:
Container ID: AC00625

Date Collected: 5/18/04
Date Received: 5/21/04
Date(s) Analyzed: 6/8/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -11.1 Pf 1 = 1.0

D.F. = 4.36

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-87-5	1,2-Dichloropropane	ND	2.2	ND	0.47	
75-27-4	Bromodichloromethane	ND	2.2	ND	0.33	
79-01-6	Trichloroethene	ND	2.2	ND	0.41	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	ND	0.48	
108-10-1	4-Methyl-2-pentanone	ND	2.2	ND	0.53	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	ND	0.48	
79-00-5	1,1,2-Trichloroethane	ND	2.2	ND	0.40	
108-88-3	Toluene	**9.0**	2.2	**2.4**	0.58	
591-78-6	2-Hexanone	ND	2.2	ND	0.53	
124-48-1	Dibromochloromethane	ND	2.2	ND	0.26	
106-93-4	1,2-Dibromoethane	ND	2.2	ND	0.28	
127-18-4	Tetrachloroethene	ND	2.2	ND	0.32	
108-90-7	Chlorobenzene	ND	2.2	ND	0.47	
100-41-4	Ethylbenzene	**2.5**	2.2	**0.57**	0.50	
136777-61-2	*m,p*-Xylenes	ND	4.4	ND	1.0	
75-25-2	Bromoform	ND	2.2	ND	0.21	
100-42-5	Styrene	ND	2.2	ND	0.51	
95-47-6	o-Xylene	ND	2.2	ND	0.50	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	ND	0.32	
541-73-1	1,3-Dichlorobenzene	ND	2.2	ND	0.36	
106-46-7	1,4-Dichlorobenzene	ND	2.2	ND	0.36	
95-50-1	1,2-Dichlorobenzene	ND	2.2	ND	0.36	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: ZMH Date: 06/11/04

Client: **GeoSyntec Consultants, Inc.**
Client Sample ID: **AA-03-051804**
Client Project ID: **Ascon LF/SB0202/31**

CAS Project ID: P2401075
CAS Sample ID: P2401075-009

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chris Parnell/Aristotle Bragasin
Sampling Media: Summa Canister
Test Notes: **T**
Container ID: AC00625

Date Collected: 5/18/04
Date Received: 5/21/04
Date Analyzed: 6/8/04
Volume(s) Analyzed: 1.00 Liter(s)

Pi 1 = -11.1 Pf 1 = 1.0
D.F. = 4.36

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
19.50	Hexamethylcyclotrisiloxane (Possible Artifact)	10	

T = Analyte is a tentatively identified compound, result is estimated.

Verified By: _____ Date: 6/11/04