

Test Report



March 20, 2014

Client: Tasman Geosciences / Anadarko

Project: Sarchet 41-23

Lab ID: 956

Date Samples Received: 3/19/2014

Number of Samples: 8

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Dieken".

Christopher Dieken
Quality Assurance Manager

A handwritten signature in black ink, appearing to read "Todd Rhea".

Todd Rhea
Laboratory Manager

eAnalytics Laboratory

1767 Rocky Mountain Avenue Loveland CO 80538

Chain of Custody

eANALYTICS
LABORATORY

Chain of Custody Form

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wo# 88499059 eANALYTICS: Environmental testing made Easy
956

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The results contained within this report relate only to the items analyzed

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LABORATORY

Client: Tasman Geosciences / Anadarko

Lab ID: 956

Project: Sarchet 41-23

Analysis: Volatile Organics
TPHMethod: EPA8260
EPA8260/8015

Sample Name	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPH GRO C6-C10	TPH DRO C10-C28	TPH ORO C28-C36	Date Sampled	Date Analyzed	Lab ID	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
N01 @ 4	< 0.01	< 0.01	< 0.01	0.058	< 50	52.9	< 50	03/19/14	03/19/14	956	1
N02 @ 5	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/19/14	03/19/14	956	2
S01 @ 4	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/19/14	03/19/14	956	3
S02 @ 5	9.66	84.2	22.0	198	7402	4419	53.4	03/19/14	03/19/14	956	4
B01 @ 5	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/19/14	03/19/14	956	5
B02 @ 6	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/19/14	03/19/14	956	6
E01 @ 4	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/19/14	03/19/14	956	7
W01 @ 5	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/19/14	03/19/14	956	8

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Client: Tasman Geosciences / Anadarko

Lab ID: 956

Project: Sarchet 41-23

Method: EPA8260

Sample Name	Dibromo- fluoromethane % Recovery	1,2 Dichloro- ethane-D4 % Recovery	Toluene-D8 % Recovery	Bromo- fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID
N01 @ 4	88	104	88	86	03/19/14	03/19/14	956 1
N02 @ 5	105	99	106	94	03/19/14	03/19/14	956 2
S01 @ 4	86	108	104	92	03/19/14	03/19/14	956 3
S02 @ 5	89	111	107	90	03/19/14	03/19/14	956 4
B01 @ 5	99	109	110	87	03/19/14	03/19/14	956 5
B02 @ 6	106	105	104	110	03/19/14	03/19/14	956 6
E01 @ 4	92	96	110	92	03/19/14	03/19/14	956 7
W01 @ 5	111	92	95	109	03/19/14	03/19/14	956 8

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L A B O R A T O R Y

Client: Tasman Geosciences / Anadarko

Lab ID: 956

Project: Sarchet 41-23

Analysis: Volatile Organics
TPHMethod: EPA8260
EPA8260/8015

Sample Name	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPH GRO C6-C10	TPH DRO C10-C28	TPH ORO C28-C36	Date Analyzed	Lab ID	
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec			
Laboratory Control Sample	101	94	101	98	91	93	104	03/19/14	LCS	956 1
(70-130%)										
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/19/14	MB	956 1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			

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Test Report



March 20, 2014

Client: Tasman Geosciences / Anadarko

Project: Sarchet 41-23

Lab ID: 960

Date Samples Received: 3/20/2014

Number of Samples: 1

Sample Condition: Samples arrived intact and in appropriate sample containers

Sample Temperature: Within acceptable range of 2-6° C, or as specified in EPA Method

The quality control procedures associated with the requested analyses were satisfactorily passed before the samples were run.

Thank you for allowing eAnalytics Laboratory to provide laboratory services for you.

Sincerely,

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Christopher Dieken
Quality Assurance Manager

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Todd Rhea
Laboratory Manager

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Client: Tasman Geosciences / Anadarko

Lab ID: 960

Project: Sarchet 41-23

Analysis: Volatile Organics
TPHMethod: EPA8260
EPA8260/8015

Sample Name	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPH GRO C6-C10	TPH DRO C10-C28	TPH ORO C28-C36	Date Sampled	Date Analyzed	Lab ID	
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg				
S03 @ 5'	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/20/14	03/20/14	960	1

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eANALYTICS
LABORATORY

Client: Tasman Geosciences / Anadarko

Lab ID: 960

Project: Sarchet 41-23

Method: EPA8260

Sample Name	Dibromo- fluoromethane % Recovery	1,2 Dichloro- ethane-D4 % Recovery	Toluene-D8 % Recovery	Bromo- fluorobenzene % Recovery	Date Sampled	Date Analyzed	Lab ID
S03 @ 5'	97	111	86	86	03/20/14	03/20/14	960 1

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LABORATORY

Client: Tasman Geosciences / Anadarko

Lab ID: 960

Project: Sarchet 41-23

Analysis: Volatile Organics
TPHMethod: EPA8260
EPA8260/8015

Sample Name	Benzene	Toluene	Ethyl- benzene	Total Xylenes	TPH GRO C6-C10	TPH DRO C10-C28	TPH ORO C28-C36	Date Analyzed	Lab ID	
	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec	% Rec			
Laboratory Control Sample	91	89	100	101	95	96	102	03/20/14	LCS	960 1
(70-130%)										
Method Blank	< 0.01	< 0.01	< 0.01	< 0.01	< 50	< 50	< 50	03/20/14	MB	960 1
	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			

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