

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

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eANALYTICS LABORATORY			1767 Rocky Mountain Avenue Loveland CO 80538 Phone: (970) 667-6975 Fax: (970) 669-0941 www.eAnalyticsLab.com														
CLIENT INFORMATION			ANALYSIS INFORMATION														
Company: Tasman Geosciences / Anadarko			Number of Containers	Matrix: (S) Soil (W) Water (V) Vapor (O) Other	BTEX (EPA 8260)	BTEX/GRO (EPA 8260)	DRO/ORO (EPA 8015)	TPH-GRO/DRO/ORO (EPA 8260/8015)	SAR (US Dept of Ag Method 20B)	EC (US Dept of Ag Method 3)	pH (EPA 9045D)	Other Analysis					
Project: Sarchet 41-23																	
Project Manager: Paul Schneider																	
Sampler: Jenna Barker																	
Phone/Email: 720-987-9717 / JBarker@Tasman-Geo.com																	
Address: 6899 Pecos Street, Unit C Denver, CO 80221																	
Lab ID	Sample Name	Sampling Date/Time															
1	NO1 @ 4	3/19/14	AM/PM	1		X	X										
2	NO2 @ 5	3/19/14	AM/PM	1		X	X										
3	SO1 @ 4	3/19/14	AM/PM	1		X	X										
4	SO2 @ 5	3/19/14	AM/PM	1		X	X										
5	BO1 @ 5	3/19/14	AM/PM	1		X	X										
6	BO2 @ 6	3/19/14	AM/PM	1		X	X										
7	EO1 @ 4	3/19/14	AM/PM	1		X	X										
8	WO1 @ 5	3/19/14	AM/PM	1		X	X										
			AM/PM														
			AM/PM														
			AM/PM														
			AM/PM														
			AM/PM														
			AM/PM														
			AM/PM														
Comments: By 7am 3/20/14 Please																	
Turnaround Time (Business Days) TAT begins when sample is received by eANALYTICS <input type="radio"/> Normal (5-10 Days) <input type="radio"/> 3 Day (1.25x) <input type="radio"/> 1 Day (2x) <input checked="" type="radio"/> Same Day (3x) <input type="radio"/> Next Bus. Morning (APC Pricing)						Record of Custody Relinquished by: <i>[Signature]</i> Date: 3/20/14 Company: Tasman Time: AM/PM Received by: <i>[Signature]</i> Date: _____ Company: _____ Time: AM/PM											
For eANALYTICS Use Samples Received Intact: <input checked="" type="radio"/> Yes / <input type="radio"/> No Stored Within Temperature Range (2-6°C): <input checked="" type="radio"/> Yes / <input type="radio"/> No Sample Preservative: <input checked="" type="radio"/> Ice / <input type="radio"/> None / <input type="radio"/> Acid / <input type="radio"/> Other						Relinquished by: _____ Date: _____ Company: _____ Time: AM/PM Received by: <i>[Signature]</i> Date: 3/19/14 Company: eANALYTICS Time: 645 AM/PM											

WO# 08499659
956

eANALYTICS: Environmental testing made Easy

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Client: Tasman Geosciences / Anadarko Lab ID: 956

Project: Sarchet 41-23

Analysis: Volatile Organics Method: EPA8260
TPH EPA8260/8015

Sample Name	Benzene mg/kg	Toluene mg/kg	Ethyl- benzene mg/kg	Total Xylenes mg/kg	TPH	TPH	TPH	Date Sampled	Date Analyzed	Lab ID
					GRO C6-C10 mg/kg	DRO C10-C28 mg/kg	ORO C28-C36 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

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,

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

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eANALYTICS LABORATORY			1767 Rocky Mountain Avenue Loveland CO 80538 Phone: (970) 667-6975 Fax: (970) 669-0941 www.eAnalyticsLab.com											
CLIENT INFORMATION <small>(*New Clients please fill out completely)</small>				ANALYSIS INFORMATION <small>(Select analysis by checking box on corresponding sample line)</small>										
Company: Tasman Geosciences / Anadarko				Number of Containers Matrix: (S) Soil (W) Water (V) Vapor (O) Other	BTEX (EPA 8260)	BTEX/GRO (EPA 8260)	DRO/ORO (EPA 8015)	TPH-GRO/DRO/ORO (EPA 8260/8015)	SAR (US Dept of Ag Method 20B)	EC (US Dept of Ag Method 3)	pH (EPA 9045D)	Other Analysis		
Project: <i>Sardnet 41-23</i>														
Project Manager: Paul Schneider														
Sampler: Jenna Barker														
Phone/Email: 720-987-9717 / JBarker@Tasman-Geo.com														
Address: 6899 Pecos Street, Unit C Denver, CO 80221														
Lab ID	Sample Name	Sampling Date/Time												
1	S03@5'	3/20/14	AM/PM	1	S		X	X						
			AM/PM											
			AM/PM											
			AM/PM											
			AM/PM											
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			AM/PM											
			AM/PM											
			AM/PM											
			AM/PM											
Comments: By Tam 3/21/14 Please														
Turnaround Time (Business Days) TAT begins when sample is received by eANALYTICS Normal (5-10 Days) Rush analysis requires an extra charge. 3 Day (1.25x) possible please inform eANALYTICS in advance 1 Day (2x) for rush analysis. Same Day (3x) Next Bus. Morning (APC Pricing)				Record of Custody Relinquished by: <i>[Signature]</i> Date: 3/20/14 Company: <i>Hasman</i> Time: 3:00 AM (PM) Received by: _____ Date: _____ Company: _____ Time: _____ AM/PM Relinquished by: _____ Date: _____ Company: _____ Time: _____ AM/PM Received by: <i>Tom Ph...</i> Date: 3-20-14 Company: eANALYTICS Time: 5:00 AM (PM)										
For eANALYTICS Use Samples Received Intact Yes/No Received Within Temperature Range (2-6°C) Yes/No Sample Preservative: <i>960</i> None Acid Other														

wo # *88499058* eANALYTICS: Environmental testing made Easy Page *1* of *1*



Client: Tasman Geosciences / Anadarko Lab ID: 960
 Project: Sarchet 41-23
 Analysis: Volatile Organics Method: EPA8260
 TPH EPA8260/8015

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



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

