



1893 Concourse Drive, San Jose, CA 95131
Telephone: (408) 943-1888 / Fax: (408) 943-0190
<http://www.datalabsj.com> / E-mail: reports@datalabsj.com

Analytical Report

Client: Power Knot **Contact:** Iain Milnes **WorkOrder:** 1312201
Project: #13-0854 **Extraction Method:** E1664A_SG
Date Received: 12/6/13 19:44 **Analytical Method:** E1664A
Date Prepared: 12/10/13 **Unit:** mg/L

Hexane Extractable Material with Silica Gel Clean Up

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
#13-0854	1312201-001D	Water	12/05/2013 11:00	O&G	84851
<u>Analytes</u>	<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
HEMSGT	ND		5.0	1	12/11/2013 10:40



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Analytical Report

Client: Power Knot **Contact:** Iain Milnes **WorkOrder:** 1312201
Project: #13-0854 **Extraction Method:** SM5210B
Date Received: 12/6/13 19:44 **Analytical Method:** SM5210B
Date Prepared: 12/6/13 **Unit:** mg/L

Biochemical Oxygen Demand (BOD)

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
#13-0854	1312201-001A	Water	12/05/2013 11:00	SPECTROPHOTOMETER	84833

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
BOD	68	20	5	12/11/2013 21:07



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Analytical Report

Client: Power Knot **Contact:** Iain Milnes **WorkOrder:** 1312201
Project: #13-0854 **Extraction Method:** SM2540C
Date Received: 12/6/13 19:44 **Analytical Method:** SM2540C
Date Prepared: 12/10/13 **Unit:** mg/L

Total Dissolved Solids

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
#13-0854	1312201-001C	Water	12/05/2013 11:00	WetChem	84959

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Total Dissolved Solids	165	10.0	1	12/10/2013 18:45



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Analytical Report

Client: Power Knot **Contact:** Iain Milnes **WorkOrder:** 1312201
Project: #13-0854 **Extraction Method:** SM2540D
Date Received: 12/6/13 19:44 **Analytical Method:** SM2540D
Date Prepared: 12/10/13 **Unit:** mg/L

Total Suspended Solids

Client ID	Lab ID	Matrix/ExtType	Date Collected	Instrument	Batch ID
#13-0854	1312201-001B	Water	12/05/2013 11:00	WetChem	84929

<u>Analytes</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Total Suspended Solids	65.6	2.00	2	12/10/2013 18:35



Quality Control Report

Client: Power Knot **Contact:** Iain Milnes **WorkOrder:** 1312201
Date Prepared: 12/6/13 **BatchID:** 84833
Date Analyzed: 12/11/13 **Extraction Method:** SM5210B
Instrument: SPECTROPHOTOMETER **Analytical Method:** SM5210B
Matrix: Water **Unit:** mg/L
Project: #13-0854 **Sample ID:** MB/LCS-84833

QC Summary Report for SM5210B (BOD)

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
BOD	ND	197.5	4.0	198	-	99.7	80-120



Quality Control Report

Client: Power Knot
Date Prepared: 12/9/13
Date Analyzed: 12/9/13
Instrument: O&G
Matrix: Water
Project: #13-0854

Contact: Iain Milnes

WorkOrder: 1312201
BatchID: 84851
Extraction Method: E1664A_SG
Analytical Method: E1664A
Unit: mg/L
Sample ID: MB/LCS-84851

QC Summary Report for E1664A

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
HEMSGT	ND	9.496	5.0	10.42	-	91.2	70-130



Quality Control Report

Client: Power Knot **Contact:** Iain Milnes **WorkOrder:** 1312201
Date Prepared: 12/10/13 **BatchID:** 84959
Date Analyzed: 12/10/13 **Extraction Method:** SM2540C
Instrument: WetChem **Analytical Method:** SM2540C
Matrix: Water **Unit:** mg/L
Project: #13-0854

QC Summary Report for SM2540C (TDS)

SampleID	Sample Result	Sample DF	Dup / Serial Dilution Result	Dup / Serial Dilution DF	RPD	Acceptance Criteria (%)
1312160-001C	316	1	342	2	7.9	<20

Client: DataLab **WorkOrder:** 1312201
Date Prepared: 12/10/13 **BatchID:** 84929
Date Analyzed: 12/10/13 **Extraction Method:** SM2540D
Instrument: WetChem **Analytical Method:** SM2540D
Matrix: Water **Unit:** mg/L
Project: #13-0854

QC Summary Report for SM2540D (TSS)

SampleID	Sample Result	Sample DF	Dup / Serial Dilution Result	Dup / Serial Dilution DF	RPD	Acceptance Criteria (%)
1312188-001A	2.70	1	2.80	2	3.64	<15



Chain of Custody QF 7.4.1B

13-0854E

Report To		Analysis Requested													
Attn:	Iain Milnes	BOD		FOG		TSS		TDS		Seal Intact?		Received by		Date	Time
Company:	Power Knot, LLC	X												12/5/13	1:00 PM
Address:	501 Valley Way														
City, State, Zip:	Milpitas, CA 95035														
Phone:	408.889.8433 X8222														
Fax:															
Email:	iain.milnes@powerknot.com														
Sampler Signature: Iain Milnes		Date	Time	Type of Container		Size of Container (ml)		Preservative		Number of Containers					
Sample ID	Comp/Grab	Date	Time	Solid/Liquid											
Sample Point	Grab	12/5/2013	11:00 AM	Liquid											
Sample Point	Grab	12/5/2013	11:00 AM	Liquid	X										
Sample Point	Grab	12/5/2013	11:00 AM	Liquid		X									
Sample Point	Grab	12/5/2013	11:00 AM	Liquid											
Relinquished by:		Date	Time	Seal Intact?		yes no NA		Received by		Date	Time				
Relinquished by:		Date	Time	Seal Intact?		yes no NA		Received by:		Date	Time				
Relinquished by:		Date	Time	Seal Intact?		yes no NA		Received by:		Date	Time				
Relinquished by:		Date	Time	Seal Intact?		yes no NA		Received by:		Date	Time				
Relinquished by:		Date	Time	Seal Intact?		yes no NA		Received by:		Date	Time				
Relinquished by:		Date	Time	Seal Intact?		yes no NA		Received by:		Date	Time				
Relinquished by:		Date	Time	Seal Intact?		yes no NA		Received by:		Date	Time				