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

Power Knot, LLC	Client Project ID: # 12-0706E	Date Sampled: 08/27/12
501 Valley Way		Date Received: 08/28/12
	Client Contact: Iain Milnes	Date Extracted 08/29/12
Milpitas, CA 95035	Client P.O.:	Date Analyzed 08/30/12

Hexane Extractable Material (HEM; Oil & Grease) without Silica Gel Clean Up*

Extraction method: E1664A Analytical methods: E1664A Work Order: 1208691

Lab ID	Client ID	Matrix	HEM	DF	% SS	Comments
1208691-001B	Sample Point	W	81	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	5.0	mg/L
	S	NA	NA

* water samples are reported in mg/L; reporting limit may change due to variable water sample volume

DF = dilution factor (may be raised to dilute target analyte or matrix interference).
%SS = Percent Recovery of Surrogate Standard

surrogate diluted out of range

California ELAP Certificate 2781

DATALAB

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

Power Knot, LLC	Client Project ID: # 12-0706E	Date Sampled: 08/27/12
		Date Received: 08/28/12
501 Valley Way	Client Contact: Iain Milnes	Date Extracted: 08/29/12-09/03/12
Milpitas, CA 95035	Client P.O.:	Date Analyzed: 09/03/12

Biochemical Oxygen Demand (BOD)*

Analytical Method: SM5210B

Work Order: 1208691

Lab ID	Client ID	Matrix	BOD	DF	Comments
1208691-001A	Sample Point	W	320	50	

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	4.0 mg/L	
	S	NA	

* water samples are reported in mg/L.

DATALAB

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

Power Knot, LLC	Client Project ID: # 12-0706E	Date Sampled: 08/27/12
		Date Received: 08/28/12
501 Valley Way	Client Contact: Iain Milnes	Date Extracted: 08/28/12
Milpitas, CA 95035	Client P.O.:	Date Analyzed: 08/29/12

Total Dissolved Solids*

Analytical Method: SM2540C

Work Order: 1208691

Lab ID	Client ID	Matrix	Total Dissolved Solids	DF	Comments
1208691-001D	Sample Point	W	473	1	

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	10 mg/L	
	S	NA	

* water samples reported in mg/L.

DF = Dilution Factor

California ELAP Certificate 2781

DATALAB

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

Power Knot, LLC	Client Project ID: #12-0706E	Date Sampled: 08/27/12
		Date Received: 08/28/12
501 Valley Way	Client Contact: Iain Milnes	Date Extracted: 08/29/12
Milpitas, CA 95035	Client P.O.:	Date Analyzed: 08/29/12

Total Suspended Solids*

Analytical Method: SM2540D

Work Order: 1208691

Lab ID	Client ID	Matrix	Total Suspended Solids	DF	Comments
1208691-001C	Sample Point	W	1210	10	

Reporting Limit for DF = 1; ND means not detected at or above the reporting limit	W	1.0 mg/L	
	S	NA	

* water samples reported in mg/L.

DF = Dilution Factor

California ELAP Certificate 2781

DATALAB

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

QC SUMMARY REPORT FOR E1664A

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 70122 | WorkOrder: 1208691

EPA Method: E1664A | **Extraction: E1664A** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
HEMSGT	N/A	10.42	N/A	N/A	N/A	95	N/A	N/A	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 70122 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1208691-001B	08/27/12 3:00 PM	08/29/12	08/30/12 1:20 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DATALAB

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

QC SUMMARY REPORT FOR SM5210B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 70299 | WorkOrder: 1208691

EPA Method: SM5210B **Extraction: SM5210B** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
BOD	N/A	198	N/A	N/A	N/A	103	N/A	N/A	80 - 120

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 70299 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1208691-001A	08/27/12 3:00 PM	08/29/12	09/03/12 1:56 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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

QC SUMMARY REPORT FOR WET CHEMISTRY TESTS

Test Method: SM2540C (TDS) **Matrix:** W **WorkOrder:** 1208691

Method Name: SM2540C			Units: mg/L			BatchID: 70289
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	% RPD	Acceptance Criteria (%)
1208691-001D	473	1	512	1	7.92	<20

BATCH 70289 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1208691-001D	08/27/12 3:00 PM	08/28/12	08/29/12 5:45 PM				

Test Method: SM2540D (TSS) **Matrix:** W **WorkOrder:** 1208691

Method Name: SM2540D			Units: mg/L			BatchID: 70220
Lab ID	Sample	DF	Dup / Ser. Dil.	DF	% RPD	Acceptance Criteria (%)
1208691-001C	1210	10	1220	10	0.493	<15

BATCH 70220 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1208691-001C	08/27/12 3:00 PM	08/29/12	08/29/12 8:25 PM				

Dup = Duplicate; Ser. Dil. = Serial Dilution; MS = Matrix Spike; RD = Relative Difference; RPD = Relative Percent Deviation.

Precision = Absolute Value (Sample - Duplicate)

RPD = 100 * (Sample - Duplicate) / [(Sample + Duplicate) / 2]

%RPD is calculated using results of up to 10 significant figures, however the reported results are rounded to 2 or 3 significant figures. Therefore there may be a slight discrepancy between the %RPD displayed above and %RPD calculated using the reported results. MAI considers %RPD based upon more significant figures to be more accurate.