



Date of Report: 11/25/2015

Jennifer Brady

E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Client Project: GIG Excavation

BCL Project: GIG

BCL Work Order: 1530060

Invoice ID:

Enclosed are the results of analyses for samples received by the laboratory on 11/24/2015. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Kerrie Vaughan
Client Services

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014; OR ELAP #4032-001; AK UST101

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Laboratory / Client Sample Cross Reference

Laboratory ID	Client Sample Information			
1530060-01	COC Number:	---	Receive Date:	11/24/2015 08:40
	Project Number:	---	Sampling Date:	11/23/2015 12:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	CF3 Cleanfill	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1530060-02	COC Number:	---	Receive Date:	11/24/2015 08:40
	Project Number:	---	Sampling Date:	11/23/2015 12:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	CF4 Cleanfill	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil
1530060-03	COC Number:	---	Receive Date:	11/24/2015 08:40
	Project Number:	---	Sampling Date:	11/23/2015 12:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	CF5 Cleanfill	Lab Matrix:	Solids
	Sampled By:	---	Sample Type:	Soil

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Draft: Total Petroleum Hydrocarbons

BCL Sample ID: 1530060-01	Client Sample Name: CF3 Cleanfill, 11/23/2015 12:05:00PM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	32	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	78.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	11/24/15	11/25/15 04:52	MWB	GC-2	0.990	BYK2308

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Draft: Total Petroleum Hydrocarbons

BCL Sample ID: 1530060-02	Client Sample Name: CF4 Cleanfill, 11/23/2015 12:10:00PM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	4.0	mg/kg	10	1.2	EPA-8015B/FFP	ND	J	1
TPH - Motor Oil	27	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	75.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	11/24/15	11/25/15 05:14	MWB	GC-2	1.003	BYK2308

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Draft: Total Petroleum Hydrocarbons

BCL Sample ID: 1530060-03	Client Sample Name: CF5 Cleanfill, 11/23/2015 12:15:00PM							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	9.1	mg/kg	10	1.2	EPA-8015B/FFP	ND	J,A52	1
TPH - Motor Oil	50	mg/kg	20	6.5	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	79.9	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	11/24/15	11/25/15 05:37	MWB	GC-2	1.010	BYK2308

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Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BYK2308						
TPH - Gasoline	BYK2308-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	BYK2308-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	BYK2308-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	BYK2308-BLK1	83.1	%	20 - 145 (LCL - UCL)		

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Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BYK2308										
TPH - Diesel (FFP)	BYK2308-BS1	LCS	71.812	82.781	mg/kg	86.7		64	124	
Tetracosane (Surrogate)	BYK2308-BS1	LCS	2.7791	3.3113	mg/kg	83.9		20	145	

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Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals
								Recovery	RPD	
QC Batch ID: BYK2308		Used client sample: N								
TPH - Diesel (FFP)	MS	1323260-81	ND	72.775	82.781	mg/kg		87.9		52 - 131
	MSD	1323260-81	ND	70.353	83.893	mg/kg	3.4	83.9	30	52 - 131
Tetracosane (Surrogate)	MS	1323260-81	ND	2.7270	3.3113	mg/kg		82.4		20 - 145
	MSD	1323260-81	ND	2.6879	3.3557	mg/kg	1.4	80.1		20 - 145

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Notes And Definitions

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- A52 Chromatogram not typical of diesel.
- A57 Chromatogram not typical of motor oil.