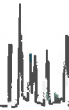


Roe, Dilan, Env. Health

From: jmonroe@raboohherconsulting.com
Sent: Thursday, May 19, 2016 2:36 PM
To: Roe, Dilan, Env. Health
Cc: Jennifer Brady; Bob Booher; Gary Richardson; Mike Smith
Subject: E&B's GIG Excavation Analytical Report
Attachments: WO_1611371_FinalReport.pdf

Dilan,

Attached is the final laboratory report, including the fish-bioassay for the proposed import soils. Upon your review and approval we will schedule backfilling the excavation, using the soils already proposed (230 cubic yards) and placing visqueen along the excavation sidewalls between the impacted areas and the imported fill. The final report will include the ESLs for the each analyses in the summary table.



Date of Report: 05/19/2016

Jennifer Brady

E & B Natural Resources Management Corp.

1600 Norris Road
Bakersfield, CA 93308

Client Project: GIG Excavation
BCL Project: GIG
BCL Work Order: 1611371
Invoice ID: B234000, B235454

Enclosed are the results of analyses for samples received by the laboratory on 4/21/2016. 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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Chain of Custody Form

LABORATORIES, INC.

Report To: *E&B Natural Resources* Project #: *10-1137*

Client: *E&B Natural Resources* Project Name: *GIG Evaluation*

Attn: *Janice Brady* Sampler(s): *Jeff Mauer*

Street Address: *1000 North Rd*

City, State, Zip: *Sellersburg IN 47172*

Phone: *4286141* Fax:

Email: *jbrady@ebresources.com*

Work Order #: *10-1137*

Sample #	Description	Date Sampled	Time Sampled	Analysis Requested	Sample Matrix	Result Request **Surcharge (to days)	Notes
CF6	"Clean" Fill	4/20/16	7:15	CHM-17 metals	Sludge Water	<input checked="" type="checkbox"/> STD <input type="checkbox"/> 5 Day** <input type="checkbox"/> 2 Day** <input type="checkbox"/> 1 Day**	
CF7	"Clean" Fill		7:20	CHM-17 metals	Waste Water		
V88-d152	Ex. Bottom		7:50	CHM-17 metals	Ground Water		
S157-d17.5	Subsoil		7:50	CHM-17 metals	Drinking Water		
S157-d11.5			7:53	CHM-17 metals	Soil		
S157-d8.0			7:56	CHM-17 metals	Other		
S152-d11.0			8:00	CHM-17 metals			
S153-d17.5			8:26	CHM-17 metals			
S154-d12.0			8:27	CHM-17 metals			
S155-d6.5			8:28	CHM-17 metals			
S156-d12.0			8:50	CHM-17 metals			
S157-d8.0			8:54	CHM-17 metals			
S158-d6.5			10:30	CHM-17 metals			

Comments: *Email report to jmauro@rabadark.com or Hwy.com*

CHK BY: *MAURER*

Global ID: *7100007269*

EDF Required? Geotracker: Yes No

Send Copy to State of CA? (EDT): Yes No

1. Relinquished By: *[Signature]* Date: *4/21/16* Time: *8:43*

2. Relinquished By: *[Signature]* Date: *4/21/16* Time: *18:43*

3. Relinquished By: *[Signature]* Date: *4/21/16* Time: *18:43*

BC Laboratories, Inc. - 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.4911 - Fax: 661.327.1918 - www.bclabs.com



Chain of Custody Form

Page 2 of 2

Analysis Requested

Comments:

Result Request **Surcharge

STD (10 days) 5 Day** 2 Day** 1 Day**

Notes

Sample #	Description	Date Sampled	Time Sampled	Sample Matrix	Other	Notes
SW59-A10.0	-14	4/20/16	10:40	Soil		
SW60-A13.0	-16		10:43	Soil		
SW61-A12.0	-16		12:38	Soil		
SW62-A15.0	-17		12:41	Soil		
SW63-A15.0	-18		12:45	Soil		
SW64-A14.0	-19		12:50	Soil		

Global ID (Needed for EDF)

EDF Required? Geotracker Yes No

Send Copy to State of CA? (EDT) Yes No

1. Relinquished By Date Time

2. Relinquished By Date Time

3. Relinquished By Date Time

Client: E&B

Address: _____

City: _____ State _____ Zip _____

Attn: _____

P.O. #: _____

System # (Needed for EDT)

1. Received By Date Time

2. Received By Date Time

3. Received By Date Time

BC Laboratories, Inc. - 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.4911 - Fax: 661.327.1918 - www.bclabs.com



BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 of 2

Submission #: 16-11371

SHIPPING INFORMATION: Fed Ex, UPS, Ontrac, Hand Delivery, BC Lab Field Service, Other. SHIPPING CONTAINER: Ice Chest, None, Box, Other. FREE LIQUID: YES, NO.

Refrigerant: Ice, Blue Ice, None, Other. Comments:

Custody Seals: Ice Chest, Containers, None. Intact? Yes, No.

All samples received? Yes, No. All samples containers intact? Yes, No. Description(s) match COC? Yes, No.

COC Received: YES, NO. Emissivity: 0.97. Container: Clear Jar. Thermometer ID: 208. Date/Time: 4/21/16. Analyst Init: NSC 848. Temperature: (A) 4.3 °C / (C) 4.2 °C.

Table with columns for SAMPLE CONTAINERS and SAMPLE NUMBERS (1-10). Rows include various sample types like QT PE UNPRES, PT CYANIDE, PT NITROGEN FORMS, etc. Handwritten 'A' marks are present in several cells.

Comments: Sample Numbering Completed By: JD Date/Time: 4-21-16 1159 Rev 20 07/24/2015 A = Actual / C = Corrected

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BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 of 2

Submission #: 16-11371

SHIPPING INFORMATION: Fed Ex, UPS, Ontrac, Hand Delivery (checked), BC Lab Field Service, Other. SHIPPING CONTAINER: Ice Chest (checked), None, Box. FREE LIQUID: YES, NO.

Refrigerant: Ice (checked), Blue ice, None, Other. Comments:

Custody Seals: Ice Chest (checked), Containers (checked), None (checked). Intact? Yes/No.

All samples received? Yes (checked), No. All samples containers intact? Yes (checked), No. Description(s) match COC? Yes (checked), No.

COC Received: YES (checked), NO. Emissivity: 0.97, Container: clear jar, Thermometer ID: 208, Date/Time: 4/21/16, Analyst Init: NSC 848. Temperature: (A) 4.3 °C / (C) 4.2 °C.

Table with columns for SAMPLE CONTAINERS and SAMPLE NUMBERS (1-10). Rows include various sample types like QT PE UNPRES, PT INORGANIC CHEMICAL METALS, etc. Handwritten 'A' marks are present in the sample number columns for SOIL SLEEVE.

Comments: Sample Numbering Completed By: JDL Date/Time: 4-21-16 1159 Rev 20 07/24/2015 A = Actual / C = Corrected

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1611371-01	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: CF6 "Clean" Fill Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 07:15 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): CF Matrix: Sample QC Type (SACode): Cooler ID:
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1611371-02	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: CF7 "Clean" Fill Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 07:20 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): CF Matrix: Sample QC Type (SACode): Cooler ID:
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1611371-03	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: XB8-d13 Ex. Bottom Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 07:22 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): XB Matrix: Sample QC Type (SACode): Cooler ID:
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E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1611371-04	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW-49-d7.5 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 07:50 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-05	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW50-d11.5 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 07:53 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-06	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW51-d8.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 07:56 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1611371-07	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW52-d11.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 08:00 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-08	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW53-d7.5 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 08:26 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-09	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW54-d12.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 08:27 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
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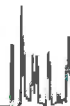
1611371-10	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW55-d6.5 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 08:28 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-11	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW56-d12.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 08:50 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-12	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW57-d8.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 08:54 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
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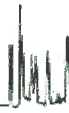
1611371-13	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW58-d6.5 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 10:30 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-14	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW59-d10.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 10:40 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-15	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW60-d13.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 10:43 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1611371-16	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW61-d12.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 12:38 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-17	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW62-d8.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 12:41 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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1611371-18	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW63-d5.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 12:45 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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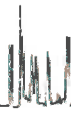
E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information
------------	---------------------------

1611371-19	COC Number: --- Project Number: GIG Sampling Location: --- Sampling Point: SW64-d14.0 Sidewall Sampled By: Jeff Monroe	Receive Date: 04/21/2016 08:43 Sampling Date: 04/20/2016 12:50 Sample Depth: --- Lab Matrix: Solids Sample Type: Soil Delivery Work Order: Global ID: T10000007269 Location ID (FieldPoint): SW Matrix: SH Sample QC Type (SACode): CS Cooler ID:
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E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

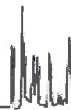
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-01 Client Sample Name: GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe

Table with 10 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various chemical constituents and their detection results.

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-01 **Client Sample Name:** GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	94.1	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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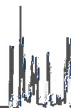
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-01		Client Sample Name: GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 16:58	ADC	MS-V2	1	BZD2174

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-01 **Client Sample Name:** GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-01 Client Sample Name: GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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1600 Norris Road
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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-01	Client Sample Name: GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	58.3	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	61.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-01	Client Sample Name: GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Nitrobenzene-d5 (Surrogate)	83.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	86.5	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	78.7	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	98.5	%	30 - 150 (LCL - UCL)		EPA-8270C		S09	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/28/16	19:22	VH1	MS-B2	0.966	BZD2600

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-01	Client Sample Name: GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	130	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/25/16	04/25/16 14:37	AKM	GC-V8	1	BZD1966

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

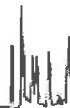
BCL Sample ID: 1611371-01 **Client Sample Name:** GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	106	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16	19:01	AS1	GC-13	0.990	BZD2513

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLC)

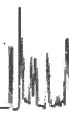
BCL Sample ID: 1611371-01 **Client Sample Name:** GIG, CF6 "Clean" Fill, 4/20/2016 7:15:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.6	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	30	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.25	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.29	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	42	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	4.3	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	7.2	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.2	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	0.30	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	31	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.13	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	27	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	30	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:00	JCC	PE-OP3	0.926	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:28	MEV	CETAC2	0.962	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:08	JCC	PE-OP3	1.852	BZD2046

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

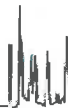
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-02 Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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1600 Norris Road
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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

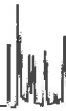
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-02 Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	90.7	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-02		Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 17:21	ADC	MS-V2	1	BZD2174

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-02 Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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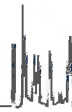
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-02 Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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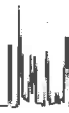
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-02 Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	T TLC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	63.2	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	62.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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Project Number: GIG Excavation
Project Manager: Jennifer Brady

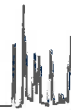
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-02	Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	78.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	76.0	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	71.1	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	93.8	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/28/16	19:48	VH1	MS-B2	1.007	BZD2600

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1600 Norris Road
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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

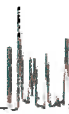
BCL Sample ID: 1611371-02	Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	90.0	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/25/16	04/25/16 14:58	AKM	GC-V8	1	BZD1966

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-02	Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe
----------------------------------	--

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	19	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	105	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16 17:30	AS1	GC-13	0.984	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLIC)

BCL Sample ID: 1611371-02		Client Sample Name: GIG, CF7 "Clean" Fill, 4/20/2016 7:20:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	3.4	0.22	EPA-6010B	500		1
Arsenic	2.5	mg/kg	0.68	0.27	EPA-6010B	500		1
Barium	100	mg/kg	0.34	0.12	EPA-6010B	10000		1
Beryllium	0.33	mg/kg	0.34	0.032	EPA-6010B	75	J	1
Cadmium	0.11	mg/kg	0.34	0.035	EPA-6010B	100	J	1
Chromium	46	mg/kg	0.34	0.034	EPA-6010B	2500		1
Cobalt	11	mg/kg	1.7	0.067	EPA-6010B	8000		1
Copper	31	mg/kg	0.68	0.034	EPA-6010B	2500		1
Lead	6.6	mg/kg	1.7	0.19	EPA-6010B	1000		1
Mercury	0.072	mg/kg	0.16	0.041	EPA-7471A	20	J	2
Molybdenum	ND	mg/kg	1.7	0.034	EPA-6010B	3500		1
Nickel	42	mg/kg	0.34	0.10	EPA-6010B	2000		1
Selenium	ND	mg/kg	3.4	3.3	EPA-6010B	100	A07	3
Silver	0.22	mg/kg	0.34	0.046	EPA-6010B	500	J	1
Thallium	1.5	mg/kg	3.4	0.44	EPA-6010B	700	J	1
Vanadium	49	mg/kg	0.34	0.075	EPA-6010B	2400		1
Zinc	45	mg/kg	1.7	0.059	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:01	JCC	PE-OP3	0.680	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:30	MEV	CETAC2	0.962	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:09	JCC	PE-OP3	3.401	BZD2046

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-03 Client Sample Name: GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-03		Client Sample Name: GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	94.7	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-03 **Client Sample Name:** GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	04/25/16	04/27/16	17:43	ADC	MS-V2	1	BZD2174

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-03 Client Sample Name: GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Acenaphthylene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Aldrin	ND	mg/kg	1.0	0.24	EPA-8270C	1.4	A10	1
Aniline	ND	mg/kg	2.0	0.53	EPA-8270C		A10	1
Anthracene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Benzidine	ND	mg/kg	30	2.2	EPA-8270C		A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.12	EPA-8270C		A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.15	EPA-8270C		A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.56	EPA-8270C		A10	1
Benzoic acid	ND	mg/kg	5.0	0.67	EPA-8270C		A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
alpha-BHC	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
beta-BHC	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
delta-BHC	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.17	EPA-8270C	4.0	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.43	EPA-8270C		A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.27	EPA-8270C		A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.15	EPA-8270C		A10	1
Chrysene	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
4,4'-DDD	ND	mg/kg	1.0	0.17	EPA-8270C	1.0	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.17	EPA-8270C	1.0	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.19	EPA-8270C	1.0	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Dibenzofuran	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

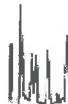
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-03 Client Sample Name: GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C		A10	1
Dieldrin	ND	mg/kg	1.0	0.31	EPA-8270C	8.0	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.22	EPA-8270C		A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Endosulfan I	ND	mg/kg	2.0	0.20	EPA-8270C		A10	1
Endosulfan II	ND	mg/kg	2.0	0.21	EPA-8270C		A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
Endrin	ND	mg/kg	2.0	0.25	EPA-8270C	0.2	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.22	EPA-8270C		A10	1
Fluoranthene	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
Fluorene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Heptachlor	ND	mg/kg	1.0	0.21	EPA-8270C	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Hexachloroethane	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.72	EPA-8270C		A10	1
Isophorone	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Naphthalene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
2-Naphthylamine	ND	mg/kg	30	1.6	EPA-8270C		A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.15	EPA-8270C		A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.25	EPA-8270C		A10	1
Nitrobenzene	ND	mg/kg	1.0	0.15	EPA-8270C		A10	1

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

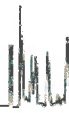
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-03		Client Sample Name: GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.37	EPA-8270C		A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
Phenanthrene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Pyrene	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.22	EPA-8270C		A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.35	EPA-8270C		A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.12	EPA-8270C		A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.077	EPA-8270C		A10	1
2-Methylphenol	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.33	EPA-8270C		A10	1
Total Methylphenol	ND	mg/kg	2.0	0.47	EPA-8270C		A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C		A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.13	EPA-8270C	17	A10	1
Phenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.18	EPA-8270C		A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C		A10	1
PCB-1016	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1221	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1232	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1242	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1248	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1254	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1260	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1262	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1268	ND	mg/kg	20	10	EPA-8270C	50	A10	1
Total PCB's (Summation)	ND	mg/kg	20	10	EPA-8270C	50	A10	1
2-Fluorophenol (Surrogate)	27.3	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	54.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

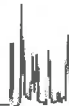
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-03	Client Sample Name: GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	59.0	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	0	%	30 - 140 (LCL - UCL)		EPA-8270C		A17	1
2,4,6-Tribromophenol (Surrogate)	52.3	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	83.4	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/28/16	20:13	VH1	MS-B2	9.802	BZD2600

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-03	Client Sample Name: GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	115	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/25/16	04/25/16 15:19	AKM	GC-V8	1	BZD1966

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<p>E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308</p>	<p>Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady</p>
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Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-03	Client Sample Name: GIG, XB8-d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	150	mg/kg	50	6.0	EPA-8015B/FFP	ND	A01,A52	1
TPH - Motor Oil	830	mg/kg	100	32	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	94.8	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16 11:03	AS1	GC-13	5.017	BZD2513

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Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

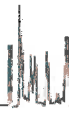
Total Concentrations (TTLC)

BCL Sample ID: 1611371-03		Client Sample Name: GIG, XB8--d13 Ex. Bottom, 4/20/2016 7:22:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	290	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.29	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	15	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	5.4	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	7.2	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	3.9	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	14	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.16	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	28	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	23	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:17	JCC	PE-OP3	1	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:33	MEV	CETAC2	1.008	BZD2017

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Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

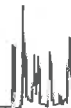
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-04 Client Sample Name: GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-04 **Client Sample Name:** GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	97.8	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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1600 Norris Road
Bakersfield, CA 93308

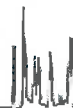
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-04		Client Sample Name: GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 18:06	ADC	MS-V2	1	BZD2174

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-04		Client Sample Name: GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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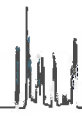
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-04 Client Sample Name: GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-04 **Client Sample Name:** GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	51.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	56.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-04	Client Sample Name: GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Nitrobenzene-d5 (Surrogate)	69.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	65.1	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	61.2	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	76.1	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	04/26/16	04/28/16 20:38	VH1	MS-B2	0.966	BZD2600

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-04	Client Sample Name: GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	130	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/25/16	04/25/16 15:41	AKM	GC-V8	1	BZD1966

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-04	Client Sample Name: GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	6.1	mg/kg	10	1.2	EPA-8015B/FFP	ND	J,A52	1
TPH - Motor Oil	53	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	95.7	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16	17:53	AS1	GC-13	1.010	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLC)

BCL Sample ID: 1611371-04		Client Sample Name: GIG, SW-49-d7.5 Sidewall, 4/20/2016 7:50:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	290	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.43	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	25	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.8	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	9.7	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	5.1	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	22	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.16	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	36	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	31	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:02	JCC	PE-OP3	0.971	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:39	MEV	CETAC2	0.992	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:11	JCC	PE-OP3	1.942	BZD2046

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-05 Client Sample Name: GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe

Table with 10 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various chemical constituents and their analysis results.

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

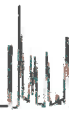
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-05		Client Sample Name: GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	98.4	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.2	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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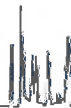
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-05	Client Sample Name: GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe
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Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-8260B	04/25/16	04/27/16 18:28	ADC	MS-V2	1	BZD2174

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-05 Client Sample Name: GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TLC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Acenaphthylene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Aldrin	ND	mg/kg	0.50	0.12	EPA-8270C	1.4	A10	1
Aniline	ND	mg/kg	1.0	0.26	EPA-8270C		A10	1
Anthracene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzidine	ND	mg/kg	15	1.1	EPA-8270C		A10	1
Benzo[a]anthracene	ND	mg/kg	0.50	0.060	EPA-8270C		A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Benzo[a]pyrene	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.50	0.28	EPA-8270C		A10	1
Benzoic acid	ND	mg/kg	2.5	0.34	EPA-8270C		A10	1
Benzyl alcohol	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzyl butyl phthalate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
alpha-BHC	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
beta-BHC	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
delta-BHC	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.50	0.085	EPA-8270C	4.0	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.0	0.22	EPA-8270C		A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
4-Chloroaniline	ND	mg/kg	0.50	0.14	EPA-8270C		A10	1
2-Chloronaphthalene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1
Chrysene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
4,4'-DDD	ND	mg/kg	0.50	0.085	EPA-8270C	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.50	0.085	EPA-8270C	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.50	0.095	EPA-8270C	1.0	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Dibenzofuran	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
1,2-Dichlorobenzene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

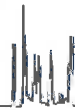
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-05 Client Sample Name: GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
1,4-Dichlorobenzene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
3,3-Dichlorobenzidine	ND	mg/kg	1.0	0.034	EPA-8270C		A10	1
Dieldrin	ND	mg/kg	0.50	0.16	EPA-8270C	8.0	A10	1
Diethyl phthalate	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Dimethyl phthalate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Di-n-butyl phthalate	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
2,4-Dinitrotoluene	ND	mg/kg	0.50	0.11	EPA-8270C		A10	1
2,6-Dinitrotoluene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Di-n-octyl phthalate	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
1,2-Diphenylhydrazine	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Endosulfan I	ND	mg/kg	1.0	0.10	EPA-8270C		A10	1
Endosulfan II	ND	mg/kg	1.0	0.10	EPA-8270C		A10	1
Endosulfan sulfate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Endrin	ND	mg/kg	1.0	0.12	EPA-8270C	0.2	A10	1
Endrin aldehyde	ND	mg/kg	2.5	0.11	EPA-8270C		A10	1
Fluoranthene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Fluorene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Heptachlor	ND	mg/kg	0.50	0.10	EPA-8270C	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Hexachlorobenzene	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
Hexachlorobutadiene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Hexachlorocyclopentadiene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Hexachloroethane	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.50	0.36	EPA-8270C		A10	1
Isophorone	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
2-Methylnaphthalene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Naphthalene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
2-Naphthylamine	ND	mg/kg	15	0.80	EPA-8270C		A10	1
2-Nitroaniline	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
3-Nitroaniline	ND	mg/kg	1.0	0.075	EPA-8270C		A10	1
4-Nitroaniline	ND	mg/kg	1.0	0.12	EPA-8270C		A10	1
Nitrobenzene	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1

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

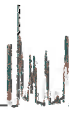
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-05		Client Sample Name: GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.50	0.18	EPA-8270C		A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
N-Nitrosodiphenylamine	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Phenanthrene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Pyrene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
4-Chloro-3-methylphenol	ND	mg/kg	1.0	0.11	EPA-8270C		A10	1
2-Chlorophenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
2,4-Dichlorophenol	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
2,4-Dimethylphenol	ND	mg/kg	0.50	0.18	EPA-8270C		A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	2.5	0.060	EPA-8270C		A10	1
2,4-Dinitrophenol	ND	mg/kg	2.5	0.038	EPA-8270C		A10	1
2-Methylphenol	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
3- & 4-Methylphenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
Total Methylphenol	ND	mg/kg	1.0	0.24	EPA-8270C		A10	1
2-Nitrophenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
4-Nitrophenol	ND	mg/kg	1.0	0.090	EPA-8270C		A10	1
Pentachlorophenol	ND	mg/kg	1.0	0.065	EPA-8270C	17	A10	1
Phenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
2,4,5-Trichlorophenol	ND	mg/kg	1.0	0.090	EPA-8270C		A10	1
2,4,6-Trichlorophenol	ND	mg/kg	1.0	0.085	EPA-8270C		A10	1
PCB-1016	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1221	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1232	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1242	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1248	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1254	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1260	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1262	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1268	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
Total PCB's (Summation)	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
2-Fluorophenol (Surrogate)	29.6	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	49.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

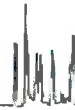
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	1611371-05	Client Sample Name:	GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe					
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Nitrobenzene-d5 (Surrogate)	58.2	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	31.4	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	47.0	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	70.4	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/28/16	21:04	VH1	MS-B2	4.768	BZD2600

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-05 | **Client Sample Name:** GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	130	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/25/16	04/25/16 16:02	AKM	GC-V8	1	BZD1966

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-05	Client Sample Name: GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	16	mg/kg	10	1.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	130	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	71.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/29/16	09:34	AS1	GC-13	0.984	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLC)

BCL Sample ID: 1611371-05		Client Sample Name: GIG, SW50-d11.5 Sidewall, 4/20/2016 7:53:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	360	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.39	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	23	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	8.7	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	11	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	5.2	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	24	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.12	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	33	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	30	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:03	JCC	PE-OP3	1	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:41	MEV	CETAC2	1.008	BZD2017

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-06 Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe

Table with 10 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quas, Run #. Lists various chemical compounds and their analysis results.

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-06		Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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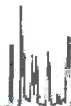
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-06	Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe
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Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 21:28	ADC	MS-V2	1	BZD2174

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-06 Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	T TLC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-06	Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-06 Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	36.5	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	47.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-06	Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuais	Run #
Nitrobenzene-d5 (Surrogate)	69.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	72.9	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	55.0	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	89.8	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	04/26/16	04/28/16 21:29	VH1	MS-B2	0.990	BZD2600

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-06 **Client Sample Name:** GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	140	%	70 - 130 (LCL - UCL)		EPA-8015B		A19,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/26/16	04/26/16 15:05	AKM	GC-V8	1	BZD1966

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-06	Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	4.4	mg/kg	10	1.2	EPA-8015B/FFP	ND	J,A52	1
TPH - Motor Oil	25	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	97.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16	19:24	AS1	GC-13	1.010	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLC)

BCL Sample ID: 1611371-06		Client Sample Name: GIG, SW51-d8.0 Sidewall, 4/20/2016 7:56:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	1.9	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	200	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.43	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	25	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.9	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	9.5	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.9	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	24	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.20	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	32	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	31	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:05	JCC	PE-OP3	0.943	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:43	MEV	CETAC2	0.992	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:12	JCC	PE-OP3	1.887	BZD2046

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

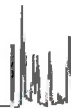
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-07 Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

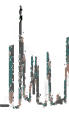
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-07 Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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

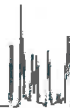
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-07		Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 21:50	ADC	MS-V2	1	BZD2174

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-07		Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

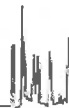
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-07 Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-07 Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	39.9	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	44.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

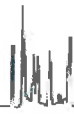
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	1611371-07	Client Sample Name:	GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	59.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	62.7	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromopheno! (Surrogate)	41.0	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	75.6	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/28/16	21:54	VH1	MS-B2	0.947	BZD2600

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-07 Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	125	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/25/16	04/25/16 16:44	AKM	GC-V8	1	BZD1966

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-07	Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	97.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16	19:47	AS1	GC-13	0.997	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

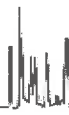
Total Concentrations (TTLC)

BCL Sample ID: 1611371-07		Client Sample Name: GIG, SW52-d11.0 Sidewall, 4/20/2016 8:00:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	470	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.53	mg/kg	0.50	0.047	EPA-6010B	75		1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	30	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	8.9	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	13	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	6.3	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	30	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.17	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	41	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	41	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:06	JCC	PE-OP3	0.971	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:45	MEV	CETAC2	0.977	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:14	JCC	PE-OP3	1.942	BZD2046

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

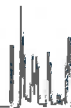
Volatile Organic Analysis (EPA Method 8260B)

Table with 2 columns: BCL Sample ID (1611371-08) and Client Sample Name (GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe)

Main data table with 10 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various organic compounds and their detection results.

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

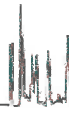
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-08 Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.1	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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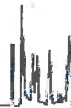
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-08		Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 22:13	ADC	MS-V2	1	BZD2174

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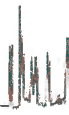
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-08		Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

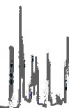
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-08 Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-08 Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	T TLC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	60.8	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	63.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

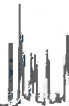
BCL Sample ID: 1611371-08	Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	69.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	69.3	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	54.0	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	84.7	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	04/26/16	04/28/16 22:19	VH1	MS-B2	0.997	BZD2600

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-08	Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	122	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/25/16	04/25/16 17:05	AKM	GC-V8	1	BZD1986

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

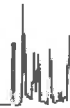
BCL Sample ID: 1611371-08	Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	17	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	89.8	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16	20:09	AS1	GC-13	1.007	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

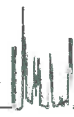
Total Concentrations (TTLC)

BCL Sample ID: 1611371-08		Client Sample Name: GIG, SW53-d7.5 Sidewall, 4/20/2016 8:26:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	310	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.51	mg/kg	0.50	0.047	EPA-6010B	75		1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	30	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	10	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	14	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	6.6	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	27	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.19	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	37	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	40	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:07	JCC	PE-OP3	0.971	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:48	MEV	CETAC2	1.025	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:15	JCC	PE-OP3	1.942	BZD2046

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-09 Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe

Table with 9 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various chemical compounds and their analysis results.

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-09		Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	92.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-09	Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe						
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 22:35	ADC	MS-V2	1	BZD2174

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-09		Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Acenaphthylene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Aldrin	ND	mg/kg	1.0	0.24	EPA-8270C	1.4	A10	1
Aniline	ND	mg/kg	2.0	0.53	EPA-8270C		A10	1
Anthracene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Benzidine	ND	mg/kg	30	2.2	EPA-8270C		A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.12	EPA-8270C		A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.15	EPA-8270C		A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.56	EPA-8270C		A10	1
Benzoic acid	ND	mg/kg	5.0	0.67	EPA-8270C		A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
alpha-BHC	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
beta-BHC	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
delta-BHC	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.17	EPA-8270C	4.0	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.43	EPA-8270C		A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.27	EPA-8270C		A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.15	EPA-8270C		A10	1
Chrysene	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
4,4'-DDD	ND	mg/kg	1.0	0.17	EPA-8270C	1.0	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.17	EPA-8270C	1.0	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.19	EPA-8270C	1.0	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Dibenzofuran	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-09 **Client Sample Name:** GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C		A10	1
Dieldrin	ND	mg/kg	1.0	0.31	EPA-8270C	8.0	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.22	EPA-8270C		A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Endosulfan I	ND	mg/kg	2.0	0.20	EPA-8270C		A10	1
Endosulfan II	ND	mg/kg	2.0	0.21	EPA-8270C		A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
Endrin	ND	mg/kg	2.0	0.25	EPA-8270C	0.2	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.22	EPA-8270C		A10	1
Fluoranthene	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
Fluorene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Heptachlor	ND	mg/kg	1.0	0.21	EPA-8270C	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.19	EPA-8270C		A10	1
Hexachloroethane	ND	mg/kg	1.0	0.20	EPA-8270C		A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.72	EPA-8270C		A10	1
Isophorone	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Naphthalene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
2-Naphthylamine	ND	mg/kg	30	1.6	EPA-8270C		A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.15	EPA-8270C		A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.25	EPA-8270C		A10	1
Nitrobenzene	ND	mg/kg	1.0	0.15	EPA-8270C		A10	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-09 Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.37	EPA-8270C		A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.21	EPA-8270C		A10	1
Phenanthrene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
Pyrene	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.18	EPA-8270C		A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.22	EPA-8270C		A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.35	EPA-8270C		A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.12	EPA-8270C		A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.077	EPA-8270C		A10	1
2-Methylphenol	ND	mg/kg	1.0	0.17	EPA-8270C		A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.33	EPA-8270C		A10	1
Total Methylphenol	ND	mg/kg	2.0	0.47	EPA-8270C		A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C		A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.13	EPA-8270C	17	A10	1
Phenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.18	EPA-8270C		A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C		A10	1
PCB-1016	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1221	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1232	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1242	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1248	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1254	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1260	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1262	ND	mg/kg	20	10	EPA-8270C	50	A10	1
PCB-1268	ND	mg/kg	20	10	EPA-8270C	50	A10	1
Total PCB's (Summation)	ND	mg/kg	20	10	EPA-8270C	50	A10	1
2-Fluorophenol (Surrogate)	31.9	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	60.4	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com



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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

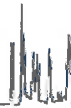
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-09	Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	66.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	0	%	30 - 140 (LCL - UCL)		EPA-8270C		A17	1
2,4,6-Tribromophenol (Surrogate)	56.4	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	90.3	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	04/26/16	04/28/16 22:45	VH1	MS-B2	9.900	BZD2600

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

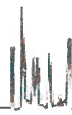
Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-09	Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	128	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/25/16	04/25/16 17:27	AKM	GC-V8	1	BZD1966

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-09	Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	230	mg/kg	50	6.0	EPA-8015B/FFP	ND	A01,A52	1
TPH - Motor Oil	1000	mg/kg	100	32	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	108	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16 11:26	AS1	GC-13	5.017	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLC)

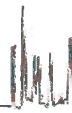
BCL Sample ID: 1611371-09 Client Sample Name: GIG, SW54-d12.0 Sidewall, 4/20/2016 8:27:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	1.8	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	120	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.15	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	8.0	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.1	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	4.3	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	2.4	mg/kg	2.5	0.28	EPA-6010B	1000	J	1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	0.071	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	7.7	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	500		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	16	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	14	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:35	JCC	PE-OP3	0.926	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:50	MEV	CETAC2	0.962	BZD2017

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-10	Client Sample Name: GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Bromobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Bromochloromethane	ND	mg/kg	0.025	0.0046	EPA-8260B		A01	1
Bromodichloromethane	ND	mg/kg	0.025	0.0042	EPA-8260B		A01	1
Bromoform	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1
Bromomethane	ND	mg/kg	0.025	0.0080	EPA-8260B		A01	1
n-Butylbenzene	0.079	mg/kg	0.025	0.0075	EPA-8260B		A01	1
sec-Butylbenzene	0.32	mg/kg	0.025	0.0060	EPA-8260B		A01	1
tert-Butylbenzene	0.036	mg/kg	0.025	0.0060	EPA-8260B		A01	1
Carbon tetrachloride	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
Chlorobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Chloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
Chloroform	ND	mg/kg	0.025	0.0032	EPA-8260B		A01	1
Chloromethane	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
2-Chlorotoluene	ND	mg/kg	0.025	0.0090	EPA-8260B		A01	1
4-Chlorotoluene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
Dibromochloromethane	ND	mg/kg	0.025	0.0050	EPA-8260B		A01	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.025	0.0085	EPA-8260B		A01	1
1,2-Dibromoethane	ND	mg/kg	0.025	0.0050	EPA-8260B		A01	1
Dibromomethane	ND	mg/kg	0.025	0.0090	EPA-8260B		A01	1
1,2-Dichlorobenzene	ND	mg/kg	0.025	0.0040	EPA-8260B		A01	1
1,3-Dichlorobenzene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
1,4-Dichlorobenzene	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1
Dichlorodifluoromethane	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
1,1-Dichloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
1,2-Dichloroethane	ND	mg/kg	0.025	0.0042	EPA-8260B		A01	1
1,1-Dichloroethene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
cis-1,2-Dichloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
trans-1,2-Dichloroethene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
1,2-Dichloropropane	ND	mg/kg	0.025	0.0040	EPA-8260B		A01	1
1,3-Dichloropropane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
2,2-Dichloropropane	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
1,1-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-10 Client Sample Name: GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
trans-1,3-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
Ethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1
Hexachlorobutadiene	ND	mg/kg	0.025	0.0085	EPA-8260B		A01	1
Isopropylbenzene	0.21	mg/kg	0.025	0.0065	EPA-8260B		A01	1
p-Isopropyltoluene	0.0066	mg/kg	0.025	0.0065	EPA-8260B		J,A01	1
Methylene chloride	ND	mg/kg	0.050	0.012	EPA-8260B		A01	1
Naphthalene	0.14	mg/kg	0.025	0.0070	EPA-8260B		A01	1
n-Propylbenzene	0.29	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Styrene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
Tetrachloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Toluene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B		A01	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B		A01	1
1,1,1-Trichloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,1,2-Trichloroethane	ND	mg/kg	0.025	0.0038	EPA-8260B		A01	1
Trichloroethene	ND	mg/kg	0.025	0.0055	EPA-8260B	2040	A01	1
Trichlorofluoromethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,2,3-Trichloropropane	ND	mg/kg	0.025	0.0080	EPA-8260B		A01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
1,3,5-Trimethylbenzene	0.018	mg/kg	0.025	0.0075	EPA-8260B		J,A01	1
Vinyl chloride	ND	mg/kg	0.025	0.0080	EPA-8260B		A01	1
Total Xylenes	ND	mg/kg	0.050	0.017	EPA-8260B		A01	1
p- & m-Xylenes	ND	mg/kg	0.025	0.011	EPA-8260B		A01	1
o-Xylene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
1,2-Dichloroethane-d4 (Surrogate)	114	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	96.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	131	%	74 - 121 (LCL - UCL)		EPA-8260B		S09	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-10		Client Sample Name: GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/28/16 01:35	ADC	MS-V2	5	BZD2174

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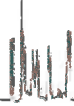
E & B Natural Resources Management Corp.
1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-10		Client Sample Name: GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Acenaphthylene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Aldrin	ND	mg/kg	0.50	0.12	EPA-8270C	1.4	A10	1
Aniline	ND	mg/kg	1.0	0.26	EPA-8270C		A10	1
Anthracene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzidine	ND	mg/kg	15	1.1	EPA-8270C		A10	1
Benzo[a]anthracene	ND	mg/kg	0.50	0.060	EPA-8270C		A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Benzo[a]pyrene	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.50	0.28	EPA-8270C		A10	1
Benzoic acid	ND	mg/kg	2.5	0.34	EPA-8270C		A10	1
Benzyl alcohol	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzyl butyl phthalate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
alpha-BHC	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
beta-BHC	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
delta-BHC	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.50	0.085	EPA-8270C	4.0	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.0	0.22	EPA-8270C		A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
4-Chloroaniline	ND	mg/kg	0.50	0.14	EPA-8270C		A10	1
2-Chloronaphthalene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1
Chrysene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
4,4'-DDD	ND	mg/kg	0.50	0.085	EPA-8270C	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.50	0.085	EPA-8270C	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.50	0.095	EPA-8270C	1.0	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Dibenzofuran	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
1,2-Dichlorobenzene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-10 Client Sample Name: GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
1,4-Dichlorobenzene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
3,3-Dichlorobenzidine	ND	mg/kg	1.0	0.034	EPA-8270C		A10	1
Dieldrin	ND	mg/kg	0.50	0.16	EPA-8270C	8.0	A10	1
Diethyl phthalate	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Dimethyl phthalate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Di-n-butyl phthalate	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
2,4-Dinitrotoluene	ND	mg/kg	0.50	0.11	EPA-8270C		A10	1
2,6-Dinitrotoluene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Di-n-octyl phthalate	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
1,2-Diphenylhydrazine	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Endosulfan I	ND	mg/kg	1.0	0.10	EPA-8270C		A10	1
Endosulfan II	ND	mg/kg	1.0	0.10	EPA-8270C		A10	1
Endosulfan sulfate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Endrin	ND	mg/kg	1.0	0.12	EPA-8270C	0.2	A10	1
Endrin aldehyde	ND	mg/kg	2.5	0.11	EPA-8270C		A10	1
Fluoranthene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Fluorene	1.8	mg/kg	0.50	0.095	EPA-8270C		A10	1
Heptachlor	ND	mg/kg	0.50	0.10	EPA-8270C	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Hexachlorobenzene	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
Hexachlorobutadiene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Hexachlorocyclopentadiene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Hexachloroethane	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.50	0.36	EPA-8270C		A10	1
Isophorone	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
2-Methylnaphthalene	0.97	mg/kg	0.50	0.090	EPA-8270C		A10	1
Naphthalene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
2-Naphthylamine	ND	mg/kg	15	0.80	EPA-8270C		A10	1
2-Nitroaniline	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
3-Nitroaniline	ND	mg/kg	1.0	0.075	EPA-8270C		A10	1
4-Nitroaniline	ND	mg/kg	1.0	0.12	EPA-8270C		A10	1
Nitrobenzene	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1

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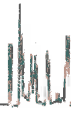
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-10 Client Sample Name: GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.50	0.18	EPA-8270C		A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
N-Nitrosodiphenylamine	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Phenanthrene	2.8	mg/kg	0.50	0.090	EPA-8270C		A10	1
Pyrene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
4-Chloro-3-methylphenol	ND	mg/kg	1.0	0.11	EPA-8270C		A10	1
2-Chlorophenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
2,4-Dichlorophenol	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
2,4-Dimethylphenol	ND	mg/kg	0.50	0.18	EPA-8270C		A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	2.5	0.060	EPA-8270C		A10	1
2,4-Dinitrophenol	ND	mg/kg	2.5	0.038	EPA-8270C		A10	1
2-Methylphenol	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
3- & 4-Methylphenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
Total Methylphenol	ND	mg/kg	1.0	0.24	EPA-8270C		A10	1
2-Nitrophenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
4-Nitrophenol	ND	mg/kg	1.0	0.090	EPA-8270C		A10	1
Pentachlorophenol	ND	mg/kg	1.0	0.065	EPA-8270C	17	A10	1
Phenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
2,4,5-Trichlorophenol	ND	mg/kg	1.0	0.090	EPA-8270C		A10	1
2,4,6-Trichlorophenol	ND	mg/kg	1.0	0.085	EPA-8270C		A10	1
PCB-1016	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1221	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1232	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1242	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1248	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1254	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1260	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1262	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1268	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
Total PCB's (Summation)	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
2-Fluorophenol (Surrogate)	50.9	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	52.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

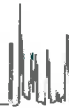
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	1611371-10	Client Sample Name:	GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	61.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	77.4	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	56.4	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	68.1	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/30/16	04:03	VH1	MS-B2	5.102	BZD2600

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-10	Client Sample Name: GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	19	mg/kg	2.0	0.56	EPA-8015B	ND	A01	1
a,a,a-Trifluorotoluene (FID Surrogate)	115	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/26/16	04/26/16 15:48	AKM	GC-V8	2	BZD1966

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-10	Client Sample Name: GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	1300	mg/kg	100	12	EPA-8015B/FFP	ND	A01,A52	1
TPH - Motor Oil	1100	mg/kg	200	65	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	97.0	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	04/26/16	04/28/16 10:48	AS1	GC-13	9.967	BZD2513

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLC)

BCL Sample ID: 1611371-10 **Client Sample Name:** GIG, SW55-d6.5 Sidewall, 4/20/2016 8:28:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.6	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	320	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.35	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	20	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	8.3	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	10	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	5.2	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	22	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.067	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	29	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	28	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:36	JCC	PE-OP3	0.909	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:52	MEV	CETAC2	0.962	BZD2017

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

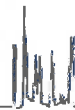
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-11 Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe

Table with 9 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various chemical constituents and their detection results.

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Project Number: GIG Excavation
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Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-11		Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quais	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.0	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-11		Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 22:58	ADC	MS-V2	1	BZD2174

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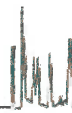
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-11		Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quais	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

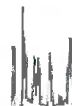
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-11 Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-11		Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	62.6	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	64.4	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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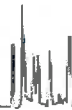
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-11	Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	66.0	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	72.9	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	60.0	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	95.0	%	30 - 150 (LCL - UCL)		EPA-8270C		S09	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/28/16	23:35	VH1	MS-B2	0.986	BZD2600

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-11	Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	130	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B	04/25/16	04/25/16	17:48	AKM	GC-V8	1	BZD1966

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-11	Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	97.9	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16	20:32	AS1	GC-13	0.993	BZD2513

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLC)

BCL Sample ID: 1611371-11		Client Sample Name: GIG, SW56-d12.0 Sidewall, 4/20/2016 8:50:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	360	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.37	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	18	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.8	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	10	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.9	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	17	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.18	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	33	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	27	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:26	JCC	PE-OP3	0.971	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:54	MEV	CETAC2	0.962	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:22	JCC	PE-OP3	1.942	BZD2046

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

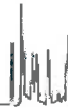
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-12 Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

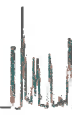
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-12 **Client Sample Name:** GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.2	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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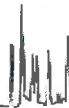
E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-12	Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe						
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/27/16 23:20	ADC	MS-V2	1	BZD2174

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-12		Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLG Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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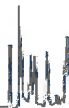
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-12	Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-12		Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	30.3	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	50.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-12	Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Nitrobenzene-d5 (Surrogate)	80.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	86.9	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	46.8	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	106	%	30 - 150 (LCL - UCL)		EPA-8270C		S09	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/29/16	00:00	VH1	MS-B2	0.993	BZD2600

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-12	Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	122	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B	04/26/16	04/26/16	14:44	AKM	GC-V8	1	BZD1966

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Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-12	Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	5.1	mg/kg	10	1.2	EPA-8015B/FFP	ND	J,A52	1
TPH - Motor Oil	35	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	94.9	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16 18:16	AS1	GC-13	1.014	BZD2513

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

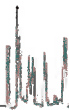
Total Concentrations (TTLC)

BCL Sample ID: 1611371-12		Client Sample Name: GIG, SW57-d8.0 Sidewall, 4/20/2016 8:54:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	190	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.35	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	16	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.0	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	8.6	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.4	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	18	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.096	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	25	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	24	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:37	JCC	PE-OP3	0.962	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:56	MEV	CETAC2	0.962	BZD2017

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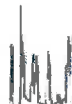
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-13		Client Sample Name: GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #	
Benzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1	
Bromobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1	
Bromochloromethane	ND	mg/kg	0.025	0.0046	EPA-8260B		A01	1	
Bromodichloromethane	ND	mg/kg	0.025	0.0042	EPA-8260B		A01	1	
Bromoform	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1	
Bromomethane	ND	mg/kg	0.025	0.0080	EPA-8260B		A01	1	
n-Butylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1	
sec-Butylbenzene	0.042	mg/kg	0.025	0.0060	EPA-8260B		A01	1	
tert-Butylbenzene	0.0072	mg/kg	0.025	0.0060	EPA-8260B		J,A01	1	
Carbon tetrachloride	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1	
Chlorobenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1	
Chloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1	
Chloroform	ND	mg/kg	0.025	0.0032	EPA-8260B		A01	1	
Chloromethane	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1	
2-Chlorotoluene	ND	mg/kg	0.025	0.0090	EPA-8260B		A01	1	
4-Chlorotoluene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1	
Dibromochloromethane	ND	mg/kg	0.025	0.0050	EPA-8260B		A01	1	
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.025	0.0085	EPA-8260B		A01	1	
1,2-Dibromoethane	ND	mg/kg	0.025	0.0050	EPA-8260B		A01	1	
Dibromomethane	ND	mg/kg	0.025	0.0090	EPA-8260B		A01	1	
1,2-Dichlorobenzene	ND	mg/kg	0.025	0.0040	EPA-8260B		A01	1	
1,3-Dichlorobenzene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1	
1,4-Dichlorobenzene	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1	
Dichlorodifluoromethane	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1	
1,1-Dichloroethane	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1	
1,2-Dichloroethane	ND	mg/kg	0.025	0.0042	EPA-8260B		A01	1	
1,1-Dichloroethene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1	
cis-1,2-Dichloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1	
trans-1,2-Dichloroethene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1	
1,2-Dichloropropane	ND	mg/kg	0.025	0.0040	EPA-8260B		A01	1	
1,3-Dichloropropane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1	
2,2-Dichloropropane	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1	
1,1-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1	

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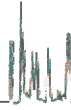
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-13		Client Sample Name: GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
trans-1,3-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
Ethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1
Hexachlorobutadiene	ND	mg/kg	0.025	0.0085	EPA-8260B		A01	1
Isopropylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
p-Isopropyltoluene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Methylene chloride	ND	mg/kg	0.050	0.012	EPA-8260B		A01	1
Naphthalene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
n-Propylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Styrene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
Tetrachloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B	2040	A01	1
Toluene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B		A01	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B		A01	1
1,1,1-Trichloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,1,2-Trichloroethane	ND	mg/kg	0.025	0.0038	EPA-8260B		A01	1
Trichloroethene	ND	mg/kg	0.025	0.0055	EPA-8260B	2040	A01	1
Trichlorofluoromethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,2,3-Trichloropropane	ND	mg/kg	0.025	0.0080	EPA-8260B		A01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1
Vinyl chloride	ND	mg/kg	0.025	0.0080	EPA-8260B		A01	1
Total Xylenes	ND	mg/kg	0.050	0.017	EPA-8260B		A01	1
p- & m-Xylenes	ND	mg/kg	0.025	0.011	EPA-8260B		A01	1
o-Xylene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
1,2-Dichloroethane-d4 (Surrogate)	98.5	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	109	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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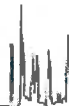
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-13		Client Sample Name: GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/28/16 01:57	ADC	MS-V2	5	BZD2174

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-13 Client Sample Name: GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	0.077	mg/kg	0.20	0.043	EPA-8270C		J	1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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Reported: 05/19/2016 13:21
Project: GIG
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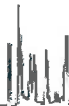
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-13 Client Sample Name: GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-13 **Client Sample Name:** GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	0.58	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	67.2	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	68.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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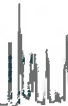
E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-13	Client Sample Name: GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	74.2	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	83.2	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	72.8	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	90.0	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-8270C	04/26/16	04/29/16 00:25	VH1	MS-B2	0.964	BZD2600



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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

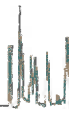
BCL Sample ID: 1611371-13 **Client Sample Name:** GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	2.4	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	130	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/26/16	04/28/16 15:27	AKM	GC-V8	1	BZD1966

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-13	Client Sample Name: GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	240	mg/kg	20	2.4	EPA-8015B/FFP	ND	A01,A52	1
TPH - Motor Oil	250	mg/kg	40	13	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	103	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	04/26/16	04/28/16 11:11	AS1	GC-13	2.027	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLIC)

BCL Sample ID: 1611371-13 Client Sample Name: GIG, SW58-d6.5 Sidewall, 4/20/2016 10:30:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	220	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.41	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	24	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.8	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	8.8	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	5.1	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	23	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.19	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	33	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	30	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:39	JCC	PE-OP3	0.980	BZD2046
2	EPA-7471A	04/22/16	04/25/16 10:58	MEV	CETAC2	0.962	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:23	JCC	PE-OP3	1.961	BZD2046

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

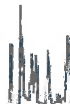
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-14 Client Sample Name: GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe

Table with 9 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various chemical constituents and their analysis results.

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-14		Client Sample Name: GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
trans-1,3-Dichloropropene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
Ethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1
Hexachlorobutadiene	ND	mg/kg	0.025	0.0085	EPA-8260B		A01	1
Isopropylbenzene	0.53	mg/kg	0.025	0.0065	EPA-8260B		A01	1
p-Isopropyltoluene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Methylene chloride	ND	mg/kg	0.050	0.012	EPA-8260B		A01	1
Naphthalene	0.18	mg/kg	0.025	0.0070	EPA-8260B		A01	1
n-Propylbenzene	0.63	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Styrene	ND	mg/kg	0.025	0.0070	EPA-8260B		A01	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
Tetrachloroethene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
Toluene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B		A01	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.025	0.010	EPA-8260B		A01	1
1,1,1-Trichloroethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,1,2-Trichloroethane	ND	mg/kg	0.025	0.0038	EPA-8260B		A01	1
Trichloroethene	ND	mg/kg	0.025	0.0055	EPA-8260B	2040	A01	1
Trichlorofluoromethane	ND	mg/kg	0.025	0.0055	EPA-8260B		A01	1
1,2,3-Trichloropropane	ND	mg/kg	0.025	0.0080	EPA-8260B		A01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.025	0.0065	EPA-8260B		A01	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.025	0.0075	EPA-8260B		A01	1
Vinyl chloride	ND	mg/kg	0.025	0.0080	EPA-8260B		A01	1
Total Xylenes	ND	mg/kg	0.050	0.017	EPA-8260B		A01	1
p- & m-Xylenes	ND	mg/kg	0.025	0.011	EPA-8260B		A01	1
o-Xylene	ND	mg/kg	0.025	0.0060	EPA-8260B		A01	1
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	136	%	74 - 121 (LCL - UCL)		EPA-8260B		S09	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-14		Client Sample Name: GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/28/16 02:20	ADC	MS-V2	5	BZD2174

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-14 **Client Sample Name:** GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Acenaphthylene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Aldrin	ND	mg/kg	0.50	0.12	EPA-8270C	1.4	A10	1
Aniline	ND	mg/kg	1.0	0.26	EPA-8270C		A10	1
Anthracene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzidine	ND	mg/kg	15	1.1	EPA-8270C		A10	1
Benzo[a]anthracene	ND	mg/kg	0.50	0.060	EPA-8270C		A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Benzo[a]pyrene	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.50	0.28	EPA-8270C		A10	1
Benzoic acid	ND	mg/kg	2.5	0.34	EPA-8270C		A10	1
Benzyl alcohol	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzyl butyl phthalate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
alpha-BHC	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
beta-BHC	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
delta-BHC	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.50	0.085	EPA-8270C	4.0	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
bis(2-Chloroisopropyl) ether	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.0	0.22	EPA-8270C		A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
4-Chloroaniline	ND	mg/kg	0.50	0.14	EPA-8270C		A10	1
2-Chloronaphthalene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1
Chrysene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
4,4'-DDD	ND	mg/kg	0.50	0.085	EPA-8270C	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.50	0.085	EPA-8270C	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.50	0.095	EPA-8270C	1.0	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Dibenzofuran	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
1,2-Dichlorobenzene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-14		Client Sample Name: GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
1,4-Dichlorobenzene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
3,3-Dichlorobenzidine	ND	mg/kg	1.0	0.034	EPA-8270C		A10	1
Dieldrin	ND	mg/kg	0.50	0.16	EPA-8270C	8.0	A10	1
Diethyl phthalate	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Dimethyl phthalate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Di-n-butyl phthalate	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
2,4-Dinitrotoluene	ND	mg/kg	0.50	0.11	EPA-8270C		A10	1
2,6-Dinitrotoluene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Di-n-octyl phthalate	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
1,2-Diphenylhydrazine	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Endosulfan I	ND	mg/kg	1.0	0.10	EPA-8270C		A10	1
Endosulfan II	ND	mg/kg	1.0	0.10	EPA-8270C		A10	1
Endosulfan sulfate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Endrin	ND	mg/kg	1.0	0.12	EPA-8270C	0.2	A10	1
Endrin aldehyde	ND	mg/kg	2.5	0.11	EPA-8270C		A10	1
Fluoranthene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Fluorene	1.8	mg/kg	0.50	0.095	EPA-8270C		A10	1
Heptachlor	ND	mg/kg	0.50	0.10	EPA-8270C	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Hexachlorobenzene	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
Hexachlorobutadiene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Hexachlorocyclopentadiene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Hexachloroethane	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.50	0.36	EPA-8270C		A10	1
Isophorone	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
2-Methylnaphthalene	1.1	mg/kg	0.50	0.090	EPA-8270C		A10	1
Naphthalene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
2-Naphthylamine	ND	mg/kg	15	0.80	EPA-8270C		A10	1
2-Nitroaniline	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
3-Nitroaniline	ND	mg/kg	1.0	0.075	EPA-8270C		A10	1
4-Nitroaniline	ND	mg/kg	1.0	0.12	EPA-8270C		A10	1
Nitrobenzene	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-14		Client Sample Name: GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.50	0.18	EPA-8270C		A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
N-Nitrosodiphenylamine	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Phenanthrene	3.2	mg/kg	0.50	0.090	EPA-8270C		A10	1
Pyrene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
4-Chloro-3-methylphenol	ND	mg/kg	1.0	0.11	EPA-8270C		A10	1
2-Chlorophenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
2,4-Dichlorophenol	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
2,4-Dimethylphenol	ND	mg/kg	0.50	0.18	EPA-8270C		A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	2.5	0.060	EPA-8270C		A10	1
2,4-Dinitrophenol	ND	mg/kg	2.5	0.038	EPA-8270C		A10	1
2-Methylphenol	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
3- & 4-Methylphenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
Total Methylphenol	ND	mg/kg	1.0	0.24	EPA-8270C		A10	1
2-Nitrophenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
4-Nitrophenol	ND	mg/kg	1.0	0.090	EPA-8270C		A10	1
Pentachlorophenol	ND	mg/kg	1.0	0.065	EPA-8270C	17	A10	1
Phenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
2,4,5-Trichlorophenol	ND	mg/kg	1.0	0.090	EPA-8270C		A10	1
2,4,6-Trichlorophenol	ND	mg/kg	1.0	0.085	EPA-8270C		A10	1
PCB-1016	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1221	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1232	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1242	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1248	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1254	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1260	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1262	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1268	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
Total PCB's (Summation)	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
2-Fluorophenol (Surrogate)	46.3	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	60.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

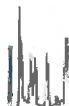
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	1611371-14	Client Sample Name:	GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	67.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	46.0	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	62.0	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	83.5	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/29/16	00:50	VH1	MS-B2	5.051	BZD2600

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1600 Norris Road
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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-14	Client Sample Name: GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	86	mg/kg	10	2.8	EPA-8015B	ND	A01	1
a,a,a-Trifluorotoluene (FID Surrogate)	108	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date:Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/26/16	04/26/16 12:37	AKM	GC-V8	10	BZD1966

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

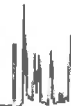
BCL Sample ID: 1611371-14	Client Sample Name: GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	1700	mg/kg	200	24	EPA-8015B/FFP	ND	A01,A52	1
TPH - Motor Oil	1700	mg/kg	400	130	EPA-8015B/FFP	ND	A01,A57	1
Tetracosane (Surrogate)	0	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01,A17	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16	13:20	AS1	GC-13	20.067	BZD2513

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLIC)

BCL Sample ID: 1611371-14		Client Sample Name: GIG, SW59-d10.0 Sidewall, 4/20/2016 10:40:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	300	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.37	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	19	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.5	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	9.7	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.6	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	18	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.19	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	33	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	27	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:40	JCC	PE-OP3	0.990	BZD2046
2	EPA-7471A	04/22/16	04/25/16 11:05	MEV	CETAC2	0.962	BZD2017

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-15 Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe

Table with 9 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various chemical compounds and their analysis results.

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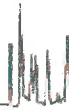
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-15		Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	95.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

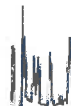
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-15 | **Client Sample Name:** GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8260B	04/25/16	04/27/16	23:42	ADC	MS-V2	1	BZD2174

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-15	Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Acenaphthylene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Aldrin	ND	mg/kg	0.50	0.12	EPA-8270C	1.4	A10	1
Aniline	ND	mg/kg	1.0	0.26	EPA-8270C		A10	1
Anthracene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzidine	ND	mg/kg	15	1.1	EPA-8270C		A10	1
Benzo[a]anthracene	ND	mg/kg	0.50	0.060	EPA-8270C		A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Benzo[a]pyrene	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.50	0.28	EPA-8270C		A10	1
Benzoic acid	ND	mg/kg	2.5	0.34	EPA-8270C		A10	1
Benzyl alcohol	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Benzyl butyl phthalate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
alpha-BHC	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
beta-BHC	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
delta-BHC	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.50	0.085	EPA-8270C	4.0	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.0	0.22	EPA-8270C		A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
4-Chloroaniline	ND	mg/kg	0.50	0.14	EPA-8270C		A10	1
2-Chloronaphthalene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1
Chrysene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
4,4'-DDD	ND	mg/kg	0.50	0.085	EPA-8270C	1.0	A10	1
4,4'-DDE	ND	mg/kg	0.50	0.085	EPA-8270C	1.0	A10	1
4,4'-DDT	ND	mg/kg	0.50	0.095	EPA-8270C	1.0	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Dibenzofuran	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
1,2-Dichlorobenzene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1

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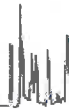
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-15 Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
1,4-Dichlorobenzene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
3,3-Dichlorobenzidine	ND	mg/kg	1.0	0.034	EPA-8270C		A10	1
Dieldrin	ND	mg/kg	0.50	0.16	EPA-8270C	8.0	A10	1
Diethyl phthalate	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Dimethyl phthalate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Di-n-butyl phthalate	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
2,4-Dinitrotoluene	ND	mg/kg	0.50	0.11	EPA-8270C		A10	1
2,6-Dinitrotoluene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Di-n-octyl phthalate	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
1,2-Diphenylhydrazine	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Endosulfan I	ND	mg/kg	1.0	0.10	EPA-8270C		A10	1
Endosulfan II	ND	mg/kg	1.0	0.10	EPA-8270C		A10	1
Endosulfan sulfate	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Endrin	ND	mg/kg	1.0	0.12	EPA-8270C	0.2	A10	1
Endrin aldehyde	ND	mg/kg	2.5	0.11	EPA-8270C		A10	1
Fluoranthene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Fluorene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Heptachlor	ND	mg/kg	0.50	0.10	EPA-8270C	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Hexachlorobenzene	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
Hexachlorobutadiene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
Hexachlorocyclopentadiene	ND	mg/kg	0.50	0.095	EPA-8270C		A10	1
Hexachloroethane	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.50	0.36	EPA-8270C		A10	1
Isophorone	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
2-Methylnaphthalene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Naphthalene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
2-Naphthylamine	ND	mg/kg	15	0.80	EPA-8270C		A10	1
2-Nitroaniline	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
3-Nitroaniline	ND	mg/kg	1.0	0.075	EPA-8270C		A10	1
4-Nitroaniline	ND	mg/kg	1.0	0.12	EPA-8270C		A10	1
Nitrobenzene	ND	mg/kg	0.50	0.075	EPA-8270C		A10	1

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

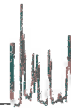
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-15		Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.50	0.18	EPA-8270C		A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
N-Nitrosodiphenylamine	ND	mg/kg	0.50	0.10	EPA-8270C		A10	1
Phenanthrene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
Pyrene	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.50	0.090	EPA-8270C		A10	1
4-Chloro-3-methylphenol	ND	mg/kg	1.0	0.11	EPA-8270C		A10	1
2-Chlorophenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
2,4-Dichlorophenol	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
2,4-Dimethylphenol	ND	mg/kg	0.50	0.18	EPA-8270C		A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	2.5	0.060	EPA-8270C		A10	1
2,4-Dinitrophenol	ND	mg/kg	2.5	0.038	EPA-8270C		A10	1
2-Methylphenol	ND	mg/kg	0.50	0.085	EPA-8270C		A10	1
3- & 4-Methylphenol	ND	mg/kg	1.0	0.16	EPA-8270C		A10	1
Total Methylphenol	ND	mg/kg	1.0	0.24	EPA-8270C		A10	1
2-Nitrophenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
4-Nitrophenol	ND	mg/kg	1.0	0.090	EPA-8270C		A10	1
Pentachlorophenol	ND	mg/kg	1.0	0.065	EPA-8270C	17	A10	1
Phenol	ND	mg/kg	0.50	0.080	EPA-8270C		A10	1
2,4,5-Trichlorophenol	ND	mg/kg	1.0	0.090	EPA-8270C		A10	1
2,4,6-Trichlorophenol	ND	mg/kg	1.0	0.085	EPA-8270C		A10	1
PCB-1016	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1221	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1232	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1242	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1248	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1254	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1260	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1262	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
PCB-1268	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
Total PCB's (Summation)	ND	mg/kg	10	5.0	EPA-8270C	50	A10	1
2-Fluorophenol (Surrogate)	59.1	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	72.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-15	Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Nitrobenzene-d5 (Surrogate)	78.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fiurobiphenyl (Surrogate)	51.6	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	64.2	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	99.9	%	30 - 150 (LCL - UCL)		EPA-8270C		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	04/26/16	04/29/16 01:15	VH1	MS-B2	4.950	BZD2600

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

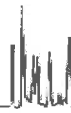
BCL Sample ID: 1611371-15	Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	125	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/26/16	04/26/16 10:09	AKM	GC-V8	1	BZD1966

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

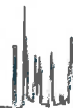
BCL Sample ID: 1611371-15	Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	91	mg/kg	50	6.0	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	450	mg/kg	100	32	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	101	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16 12:34	AS1	GC-13	4.950	BZD2513

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLC)

BCL Sample ID: 1611371-15		Client Sample Name: GIG, SW60-d13.0 Sidewall, 4/20/2016 10:43:00AM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	4.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	200	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.23	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	11	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	4.7	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	6.2	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.6	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	0.15	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	11	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.096	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	22	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	19	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:42	JCC	PE-OP3	0.926	BZD2046
2	EPA-7471A	04/22/16	04/25/16 11:07	MEV	CETAC2	0.977	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:24	JCC	PE-OP3	1.852	BZD2046

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Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-16 Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-16		Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	118	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.1	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.5	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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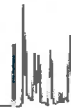
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-16	Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe						
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/28/16 00:05	ADC	MS-V2	1	BZD2174

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-16 Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

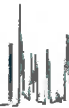
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-16 Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

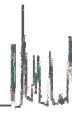
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-16 Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	70.7	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	67.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

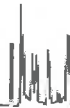
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID:	1611371-16	Client Sample Name:	GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	70.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	65.9	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	60.9	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	95.3	%	30 - 150 (LCL - UCL)		EPA-8270C		S09	1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/29/16	01:40	VH1	MS-B2	0.997	BZD2600

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

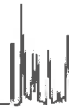
BCL Sample ID: 1611371-16	Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	130	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/26/16	04/26/16 14:23	AKM	GC-V8	1	BZD1966

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-16	Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	97.1	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16 20:54	AS1	GC-13	0.984	BZD2513

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

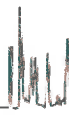
Total Concentrations (TTLC)

BCL Sample ID: 1611371-16		Client Sample Name: GIG, SW61-d12.0 Sidewall, 4/20/2016 12:38:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.8	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	330	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.35	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	18	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.3	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	8.9	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.6	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	18	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	0.16	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	31	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	27	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC
			Date/Time	Analyst			Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:43	JCC	PE-OP3	0.952	BZD2046
2	EPA-7471A	04/22/16	04/25/16 11:09	MEV	CETAC2	0.992	BZD2017
3	EPA-6010B	04/26/16	04/27/16 11:26	JCC	PE-OP3	1.905	BZD2046

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

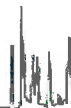
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-17 Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL C Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-17 Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL C Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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1600 Norris Road
Bakersfield, CA 93308

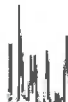
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-17	Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe						
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/28/16 00:27	ADC	MS-V2	1	BZD2174

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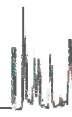
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-17		Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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1600 Norris Road
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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

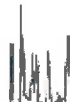
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-17 Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-17 Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	64.8	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	64.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

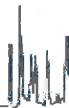
BCL Sample ID: 1611371-17	Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	LabQuals	Run #
Nitrobenzene-d5 (Surrogate)	68.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	70.1	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	61.9	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	95.1	%	30 - 150 (LCL - UCL)		EPA-8270C		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	04/26/16	04/29/16 02:05	VH1	MS-B2	0.970	BZD2600

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Project: GIG
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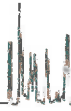
Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-17	Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	122	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/26/16	04/26/16 10:51	AKM	GC-V8	1	BZD1966

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Total Petroleum Hydrocarbons

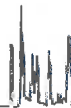
BCL Sample ID: 1611371-17	Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	101	%	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	04/26/16	04/27/16 22:03	AS1	GC-13	1.007	BZD2513

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Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

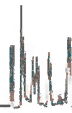
Total Concentrations (TTLC)

BCL Sample ID: 1611371-17		Client Sample Name: GIG, SW62-d8.0 Sidewall, 4/20/2016 12:41:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.1	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	210	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.27	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	13	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	4.1	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	7.3	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	3.3	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	15	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.17	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	24	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	21	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-6010B	04/26/16	04/27/16	10:45	JCC	PE-OP3	0.926	BZD2046
2	EPA-7471A	04/22/16	04/25/16	11:11	MEV	CETAC2	0.992	BZD2017

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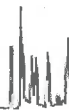
Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-18 Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-18 **Client Sample Name:** GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.2	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.4	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-18		Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/29/16 13:20	ADC	MS-V2	1	BZD2174

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

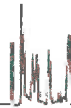
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-18 Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Acenaphthylene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Aldrin	ND	mg/kg	0.10	0.024	EPA-8270C	1.4		1
Aniline	ND	mg/kg	0.20	0.053	EPA-8270C			1
Anthracene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzidine	ND	mg/kg	3.0	0.22	EPA-8270C			1
Benzo[a]anthracene	ND	mg/kg	0.10	0.012	EPA-8270C			1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Benzo[a]pyrene	ND	mg/kg	0.10	0.015	EPA-8270C			1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.056	EPA-8270C			1
Benzoic acid	ND	mg/kg	0.50	0.067	EPA-8270C			1
Benzyl alcohol	ND	mg/kg	0.10	0.018	EPA-8270C			1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.021	EPA-8270C			1
alpha-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
beta-BHC	ND	mg/kg	0.10	0.021	EPA-8270C			1
delta-BHC	ND	mg/kg	0.10	0.018	EPA-8270C			1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.017	EPA-8270C	4.0		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.017	EPA-8270C			1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.016	EPA-8270C			1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.021	EPA-8270C			1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.043	EPA-8270C			1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.017	EPA-8270C			1
4-Chloroaniline	ND	mg/kg	0.10	0.027	EPA-8270C			1
2-Chloronaphthalene	ND	mg/kg	0.10	0.020	EPA-8270C			1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.015	EPA-8270C			1
Chrysene	ND	mg/kg	0.10	0.017	EPA-8270C			1
4,4'-DDD	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDE	ND	mg/kg	0.10	0.017	EPA-8270C	1.0		1
4,4'-DDT	ND	mg/kg	0.10	0.019	EPA-8270C	1.0		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dibenzofuran	ND	mg/kg	0.10	0.020	EPA-8270C			1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.020	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

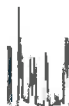
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-18 Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-18		Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	40.9	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	47.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

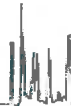
BCL Sample ID: 1611371-18	Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Nitrobenzene-d5 (Surrogate)	54.4	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	58.1	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	41.4	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	87.1	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8270C	04/26/16	04/29/16 02:30	VH1	MS-B2	0.960	BZD2600

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-18	Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	130	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC	
			Date/Time	Analyst			Batch ID	
1	EPA-8015B	04/26/16	04/26/16 11:13	AKM	GC-V8	1	BZD1966	

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

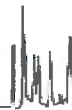
BCL Sample ID: 1611371-18	Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	90.3	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8015B/FFP	04/26/16	04/27/16	22:25	AS1	GC-13	1.017	BZD2513

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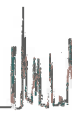
Total Concentrations (TTLC)

BCL Sample ID: 1611371-18		Client Sample Name: GIG, SW63-d5.0 Sidewall, 4/20/2016 12:45:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.8	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	260	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.40	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	23	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	7.8	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	9.3	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	5.0	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	22	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.23	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	35	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	29	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/26/16	04/27/16 10:46	JCC	PE-OP3	0.935	BZD2046
2	EPA-7471A	04/22/16	04/25/16 11:14	MEV	CETAC2	1.008	BZD2017

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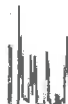
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-19		Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			1
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1

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1600 Norris Road
Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-19		Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.1	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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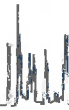
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Volatile Organic Analysis (EPA Method 8260B)

BCL Sample ID: 1611371-19		Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	04/25/16	04/28/16 01:12	ADC	MS-V2	1	BZD2174

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-19 Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe

Table with 9 columns: Constituent, Result, Units, PQL, MDL, Method, TTLC Limits, Lab Quals, Run #. Lists various chemical constituents and their detection results.

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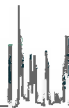
Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-19		Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.021	EPA-8270C			1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.019	EPA-8270C			1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C			1
Dieldrin	ND	mg/kg	0.10	0.031	EPA-8270C	8.0		1
Diethyl phthalate	ND	mg/kg	0.10	0.019	EPA-8270C			1
Dimethyl phthalate	ND	mg/kg	0.10	0.020	EPA-8270C			1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.018	EPA-8270C			1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.022	EPA-8270C			1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.019	EPA-8270C			1
Endosulfan I	ND	mg/kg	0.20	0.020	EPA-8270C			1
Endosulfan II	ND	mg/kg	0.20	0.021	EPA-8270C			1
Endosulfan sulfate	ND	mg/kg	0.10	0.021	EPA-8270C			1
Endrin	ND	mg/kg	0.20	0.025	EPA-8270C	0.2		1
Endrin aldehyde	ND	mg/kg	0.50	0.022	EPA-8270C			1
Fluoranthene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Fluorene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Heptachlor	ND	mg/kg	0.10	0.021	EPA-8270C	4.7		1
Heptachlor epoxide	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorobenzene	ND	mg/kg	0.10	0.016	EPA-8270C			1
Hexachlorobutadiene	ND	mg/kg	0.10	0.017	EPA-8270C			1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.019	EPA-8270C			1
Hexachloroethane	ND	mg/kg	0.10	0.020	EPA-8270C			1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.072	EPA-8270C			1
Isophorone	ND	mg/kg	0.10	0.017	EPA-8270C			1
2-Methylnaphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Naphthalene	ND	mg/kg	0.10	0.018	EPA-8270C			1
2-Naphthylamine	ND	mg/kg	3.0	0.16	EPA-8270C			1
2-Nitroaniline	ND	mg/kg	0.10	0.018	EPA-8270C			1
3-Nitroaniline	ND	mg/kg	0.20	0.015	EPA-8270C			1
4-Nitroaniline	ND	mg/kg	0.20	0.025	EPA-8270C			1
Nitrobenzene	ND	mg/kg	0.10	0.015	EPA-8270C			1

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

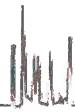
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 1611371-19 Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe

Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.037	EPA-8270C			1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.021	EPA-8270C			1
Phenanthrene	ND	mg/kg	0.10	0.018	EPA-8270C			1
Pyrene	ND	mg/kg	0.10	0.017	EPA-8270C			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.018	EPA-8270C			1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.022	EPA-8270C			1
2-Chlorophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.035	EPA-8270C			1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.012	EPA-8270C			1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0077	EPA-8270C			1
2-Methylphenol	ND	mg/kg	0.10	0.017	EPA-8270C			1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.033	EPA-8270C			1
Total Methylphenol	ND	mg/kg	0.20	0.047	EPA-8270C			1
2-Nitrophenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
Pentachlorophenol	ND	mg/kg	0.20	0.013	EPA-8270C	17		1
Phenol	ND	mg/kg	0.10	0.016	EPA-8270C			1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.018	EPA-8270C			1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C			1
PCB-1016	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1221	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1232	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1242	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1248	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1254	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1260	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1262	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
PCB-1268	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
Total PCB's (Summation)	ND	mg/kg	2.0	1.0	EPA-8270C	50		1
2-Fluorophenol (Surrogate)	63.1	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	61.0	%	30 - 130 (LCL - UCL)		EPA-8270C			1

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Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

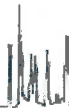
BCL Sample ID: 1611371-19	Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
Nitrobenzene-d5 (Surrogate)	65.0	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	63.8	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	54.9	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	75.5	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run		Analyst	Instrument	Dilution	QC
			Date/Time					Batch ID
1	EPA-8270C	04/26/16	04/29/16	02:55	VH1	MS-B2	0.960	BZD2600

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-19	Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe							
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Gasoline Range Organics (C4 - C12)	ND	mg/kg	1.0	0.28	EPA-8015B	ND		1
a,a,a-Trifluorotoluene (FID Surrogate)	122	%	70 - 130 (LCL - UCL)		EPA-8015B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B	04/26/16	04/26/16 11:34	AKM	GC-V8	1	BZD1966

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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Total Petroleum Hydrocarbons

BCL Sample ID: 1611371-19	Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe
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Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	94.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run		Instrument	Dilution	QC	
			Date/Time	Analyst			Batch ID	
1	EPA-8015B/FFP	04/26/16	04/27/16	22:48	AS1	GC-13	1.014	BZD2513

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 1600 Norris Road
 Bakersfield, CA 93308

Reported: 05/19/2016 13:21
 Project: GIG
 Project Number: GIG Excavation
 Project Manager: Jennifer Brady

Total Concentrations (TTLIC)

BCL Sample ID: 1611371-19		Client Sample Name: GIG, SW64-d14.0 Sidewall, 4/20/2016 12:50:00PM, Jeff Monroe						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.3	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	270	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.33	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	ND	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	17	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	5.6	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	7.9	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.3	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.041	EPA-7471A	20		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	3500		1
Nickel	16	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	0.20	mg/kg	0.50	0.067	EPA-6010B	500	J	1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	700		1
Vanadium	29	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	26	mg/kg	2.5	0.087	EPA-6010B	5000		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-6010B	04/28/16	04/27/16 10:47	JCC	PE-OP3	0.943	BZD2046
2	EPA-7471A	04/22/16	04/25/16 11:16	MEV	CETAC2	0.992	BZD2017

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

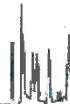
Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD2174						
Benzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
Bromobenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
Bromochloromethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.00092	
Bromodichloromethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.00084	
Bromoform	BZD2174-BLK1	ND	mg/kg	0.0050	0.0015	
Bromomethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0016	
n-Butylbenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0015	
sec-Butylbenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0012	
tert-Butylbenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0012	
Carbon tetrachloride	BZD2174-BLK1	ND	mg/kg	0.0050	0.0011	
Chlorobenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
Chloroethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0014	
Chloroform	BZD2174-BLK1	ND	mg/kg	0.0050	0.00063	
Chloromethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0014	
2-Chlorotoluene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0018	
4-Chlorotoluene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0014	
Dibromochloromethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.00099	
1,2-Dibromo-3-chloropropane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0017	
1,2-Dibromoethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0010	
Dibromomethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0018	
1,2-Dichlorobenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichlorobenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0014	
1,4-Dichlorobenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0015	
Dichlorodifluoromethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloroethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloroethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.00085	
1,1-Dichloroethene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,2-Dichloroethene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
trans-1,2-Dichloroethene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloropropane	BZD2174-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichloropropane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0011	
2,2-Dichloropropane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloropropene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,3-Dichloropropene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0011	

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

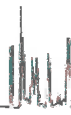
Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD2174						
trans-1,3-Dichloropropene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0012	
Ethylbenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0015	
Hexachlorobutadiene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0017	
Isopropylbenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
p-Isopropyltoluene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
Methylene chloride	BZD2174-BLK1	ND	mg/kg	0.010	0.0024	
Naphthalene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0014	
n-Propylbenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
Styrene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1,2-Tetrachloroethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2,2-Tetrachloroethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0011	
Tetrachloroethene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
Toluene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0012	
1,2,3-Trichlorobenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0021	
1,2,4-Trichlorobenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0020	
1,1,1-Trichloroethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2-Trichloroethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.00077	
Trichloroethene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0011	
Trichlorofluoromethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0011	
1,2,3-Trichloropropane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0016	
1,1,2-Trichloro-1,2,2-trifluoroethane	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
1,2,4-Trimethylbenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0013	
1,3,5-Trimethylbenzene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0015	
Vinyl chloride	BZD2174-BLK1	ND	mg/kg	0.0050	0.0016	
Total Xylenes	BZD2174-BLK1	ND	mg/kg	0.010	0.0034	
p- & m-Xylenes	BZD2174-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	BZD2174-BLK1	ND	mg/kg	0.0050	0.0012	
1,2-Dichloroethane-d4 (Surrogate)	BZD2174-BLK1	111	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BZD2174-BLK1	94.4	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BZD2174-BLK1	97.4	%	74 - 121 (LCL - UCL)		

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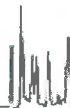
Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BZD2174										
Benzene	BZD2174-BS1	LCS	0.14876	0.12500	mg/kg	119		70 - 130		
Bromodichloromethane	BZD2174-BS1	LCS	0.13974	0.12500	mg/kg	112		70 - 130		
Chlorobenzene	BZD2174-BS1	LCS	0.13791	0.12500	mg/kg	110		70 - 130		
Chloroethane	BZD2174-BS1	LCS	0.14987	0.12500	mg/kg	120		70 - 130		
1,4-Dichlorobenzene	BZD2174-BS1	LCS	0.14079	0.12500	mg/kg	113		70 - 130		
1,1-Dichloroethane	BZD2174-BS1	LCS	0.14735	0.12500	mg/kg	118		70 - 130		
1,1-Dichloroethene	BZD2174-BS1	LCS	0.14346	0.12500	mg/kg	115		70 - 130		
Toluene	BZD2174-BS1	LCS	0.13927	0.12500	mg/kg	111		70 - 130		
Trichloroethene	BZD2174-BS1	LCS	0.14600	0.12500	mg/kg	117		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BZD2174-BS1	LCS	0.051420	0.050000	mg/kg	103		70 - 121		
Toluene-d8 (Surrogate)	BZD2174-BS1	LCS	0.049480	0.050000	mg/kg	99.0		81 - 117		
4-Bromofluorobenzene (Surrogate)	BZD2174-BS1	LCS	0.049810	0.050000	mg/kg	99.6		74 - 121		

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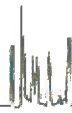
Volatile Organic Analysis (EPA Method 8260B)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BZD2174		Used client sample: N								
Benzene	MS	1607274-84	ND	0.14400	0.12500	mg/kg		115		70 - 130
	MSD	1607274-84	ND	0.14329	0.12500	mg/kg	0.5	115	20	70 - 130
Bromodichloromethane	MS	1607274-84	ND	0.13997	0.12500	mg/kg		112		70 - 130
	MSD	1607274-84	ND	0.13538	0.12500	mg/kg	3.3	108	20	70 - 130
Chlorobenzene	MS	1607274-84	ND	0.13110	0.12500	mg/kg		105		70 - 130
	MSD	1607274-84	ND	0.12659	0.12500	mg/kg	3.5	101	20	70 - 130
Chloroethane	MS	1607274-84	ND	0.14032	0.12500	mg/kg		112		70 - 130
	MSD	1607274-84	ND	0.15838	0.12500	mg/kg	12.1	127	20	70 - 130
1,4-Dichlorobenzene	MS	1607274-84	ND	0.12664	0.12500	mg/kg		101		70 - 130
	MSD	1607274-84	ND	0.13244	0.12500	mg/kg	4.5	106	20	70 - 130
1,1-Dichloroethane	MS	1607274-84	ND	0.14740	0.12500	mg/kg		118		70 - 130
	MSD	1607274-84	ND	0.14587	0.12500	mg/kg	1.0	117	20	70 - 130
1,1-Dichloroethene	MS	1607274-84	ND	0.13706	0.12500	mg/kg		110		70 - 130
	MSD	1607274-84	ND	0.13798	0.12500	mg/kg	0.7	110	20	70 - 130
Toluene	MS	1607274-84	ND	0.13420	0.12500	mg/kg		107		70 - 130
	MSD	1607274-84	ND	0.12832	0.12500	mg/kg	4.5	103	20	70 - 130
Trichloroethene	MS	1607274-84	ND	0.13916	0.12500	mg/kg		111		70 - 130
	MSD	1607274-84	ND	0.13374	0.12500	mg/kg	4.0	107	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1607274-84	ND	0.056620	0.050000	mg/kg		113		70 - 121
	MSD	1607274-84	ND	0.056140	0.050000	mg/kg	0.9	112		70 - 121
Toluene-d8 (Surrogate)	MS	1607274-84	ND	0.051180	0.050000	mg/kg		102		81 - 117
	MSD	1607274-84	ND	0.049810	0.050000	mg/kg	2.7	99.6		81 - 117
4-Bromofluorobenzene (Surrogate)	MS	1607274-84	ND	0.051200	0.050000	mg/kg		102		74 - 121
	MSD	1607274-84	ND	0.049640	0.050000	mg/kg	3.1	99.3		74 - 121

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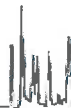
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD2600						
Acenaphthene	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
Acenaphthylene	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
Aldrin	BZD2600-BLK1	ND	mg/kg	0.10	0.024	
Aniline	BZD2600-BLK1	ND	mg/kg	0.20	0.053	
Anthracene	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
Benidine	BZD2600-BLK1	ND	mg/kg	3.0	0.22	
Benzo[a]anthracene	BZD2600-BLK1	ND	mg/kg	0.10	0.012	
Benzo[b]fluoranthene	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
Benzo[k]fluoranthene	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
Benzo[a]pyrene	BZD2600-BLK1	ND	mg/kg	0.10	0.015	
Benzo[g,h,i]perylene	BZD2600-BLK1	ND	mg/kg	0.10	0.056	
Benzoic acid	BZD2600-BLK1	ND	mg/kg	0.50	0.067	
Benzyl alcohol	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
Benzyl butyl phthalate	BZD2600-BLK1	ND	mg/kg	0.10	0.021	
alpha-BHC	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
beta-BHC	BZD2600-BLK1	ND	mg/kg	0.10	0.021	
delta-BHC	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
gamma-BHC (Lindane)	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
bis(2-Chloroethoxy)methane	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
bis(2-Chloroethyl) ether	BZD2600-BLK1	ND	mg/kg	0.10	0.016	
bis(2-Chloroisopropyl)ether	BZD2600-BLK1	ND	mg/kg	0.10	0.021	
bis(2-Ethylhexyl)phthalate	BZD2600-BLK1	ND	mg/kg	0.20	0.043	
4-Bromophenyl phenyl ether	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
4-Chloroaniline	BZD2600-BLK1	ND	mg/kg	0.10	0.027	
2-Chloronaphthalene	BZD2600-BLK1	ND	mg/kg	0.10	0.020	
4-Chlorophenyl phenyl ether	BZD2600-BLK1	ND	mg/kg	0.10	0.015	
Chrysene	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
4,4'-DDD	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
4,4'-DDE	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
4,4'-DDT	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
Dibenzo[a,h]anthracene	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
Dibenzofuran	BZD2600-BLK1	ND	mg/kg	0.10	0.020	
1,2-Dichlorobenzene	BZD2600-BLK1	ND	mg/kg	0.10	0.020	
1,3-Dichlorobenzene	BZD2600-BLK1	ND	mg/kg	0.10	0.021	

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Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD2600						
1,4-Dichlorobenzene	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
3,3-Dichlorobenzidine	BZD2600-BLK1	ND	mg/kg	0.20	0.0067	
Dieldrin	BZD2600-BLK1	ND	mg/kg	0.10	0.031	
Diethyl phthalate	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
Dimethyl phthalate	BZD2600-BLK1	ND	mg/kg	0.10	0.020	
Di-n-butyl phthalate	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
2,4-Dinitrotoluene	BZD2600-BLK1	ND	mg/kg	0.10	0.022	
2,6-Dinitrotoluene	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
Di-n-octyl phthalate	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
1,2-Diphenylhydrazine	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
Endosulfan I	BZD2600-BLK1	ND	mg/kg	0.20	0.020	
Endosulfan II	BZD2600-BLK1	ND	mg/kg	0.20	0.021	
Endosulfan sulfate	BZD2600-BLK1	ND	mg/kg	0.10	0.021	
Endrin	BZD2600-BLK1	ND	mg/kg	0.20	0.025	
Endrin aldehyde	BZD2600-BLK1	ND	mg/kg	0.50	0.022	
Fluoranthene	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
Fluorene	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
Heptachlor	BZD2600-BLK1	ND	mg/kg	0.10	0.021	
Heptachlor epoxide	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
Hexachlorobenzene	BZD2600-BLK1	ND	mg/kg	0.10	0.016	
Hexachlorobutadiene	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
Hexachlorocyclopentadiene	BZD2600-BLK1	ND	mg/kg	0.10	0.019	
Hexachloroethane	BZD2600-BLK1	ND	mg/kg	0.10	0.020	
Indeno[1,2,3-cd]pyrene	BZD2600-BLK1	ND	mg/kg	0.10	0.072	
Isophorone	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
2-Methylnaphthalene	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
Naphthalene	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
2-Naphthylamine	BZD2600-BLK1	ND	mg/kg	3.0	0.16	
2-Nitroaniline	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
3-Nitroaniline	BZD2600-BLK1	ND	mg/kg	0.20	0.015	
4-Nitroaniline	BZD2600-BLK1	ND	mg/kg	0.20	0.025	
Nitrobenzene	BZD2600-BLK1	ND	mg/kg	0.10	0.015	
N-Nitrosodimethylamine	BZD2600-BLK1	ND	mg/kg	0.10	0.037	
N-Nitrosodi-N-propylamine	BZD2600-BLK1	ND	mg/kg	0.10	0.021	

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Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD2600						
N-Nitrosodiphenylamine	BZD2600-BLK1	ND	mg/kg	0.10	0.021	
Phenanthrene	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
Pyrene	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
1,2,4-Trichlorobenzene	BZD2600-BLK1	ND	mg/kg	0.10	0.018	
4-Chloro-3-methylphenol	BZD2600-BLK1	ND	mg/kg	0.20	0.022	
2-Chlorophenol	BZD2600-BLK1	ND	mg/kg	0.10	0.016	
2,4-Dichlorophenol	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
2,4-Dimethylphenol	BZD2600-BLK1	ND	mg/kg	0.10	0.035	
4,6-Dinitro-2-methylphenol	BZD2600-BLK1	ND	mg/kg	0.50	0.012	
2,4-Dinitrophenol	BZD2600-BLK1	ND	mg/kg	0.50	0.0077	
2-Methylphenol	BZD2600-BLK1	ND	mg/kg	0.10	0.017	
3- & 4-Methylphenol	BZD2600-BLK1	ND	mg/kg	0.20	0.033	
Total Methylphenol	BZD2600-BLK1	ND	mg/kg	0.20	0.047	
2-Nitrophenol	BZD2600-BLK1	ND	mg/kg	0.10	0.016	
4-Nitrophenol	BZD2600-BLK1	ND	mg/kg	0.20	0.018	
Pentachlorophenol	BZD2600-BLK1	ND	mg/kg	0.20	0.013	
Phenol	BZD2600-BLK1	ND	mg/kg	0.10	0.016	
2,4,5-Trichlorophenol	BZD2600-BLK1	ND	mg/kg	0.20	0.018	
2,4,6-Trichlorophenol	BZD2600-BLK1	ND	mg/kg	0.20	0.017	
PCB-1248	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
PCB-1254	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
PCB-1260	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
PCB-1262	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
PCB-1268	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
PCB-1232	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
PCB-1221	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
PCB-1016	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
PCB-1242	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
Total PCB's (Summation)	BZD2600-BLK1	ND	mg/kg	2.0	1.0	
2-Fluorophenol (Surrogate)	BZD2600-BLK1	88.4	%	20 - 130 (LCL - UCL)		
Phenol-d5 (Surrogate)	BZD2600-BLK1	87.5	%	30 - 130 (LCL - UCL)		
Nitrobenzene-d5 (Surrogate)	BZD2600-BLK1	96.1	%	30 - 130 (LCL - UCL)		
2-Fluorobiphenyl (Surrogate)	BZD2600-BLK1	103	%	30 - 140 (LCL - UCL)		
2,4,6-Tribromophenol (Surrogate)	BZD2600-BLK1	89.1	%	20 - 150 (LCL - UCL)		

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD2600						
p-Terphenyl-d14 (Surrogate)	BZD2600-BLK1	92.8	%	30 - 150 (LCL - UCL)		

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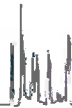
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BZD2600										
Acenaphthene	BZD2600-BS1	LCS	1.5290	1.6722	mg/kg	91.4		50 - 130		
1,4-Dichlorobenzene	BZD2600-BS1	LCS	1.7437	1.6722	mg/kg	104		50 - 130		
2,4-Dinitrotoluene	BZD2600-BS1	LCS	1.5444	1.6722	mg/kg	92.4		50 - 130		
Hexachlorobenzene	BZD2600-BS1	LCS	0.88331	1.3378	mg/kg	66.0		40 - 130		
Hexachlorobutadiene	BZD2600-BS1	LCS	1.6529	1.6722	mg/kg	98.8		50 - 130		
Hexachloroethane	BZD2600-BS1	LCS	1.5546	1.6722	mg/kg	93.0		50 - 130		
Nitrobenzene	BZD2600-BS1	LCS	1.7194	1.6722	mg/kg	103		50 - 130		
N-Nitrosodi-N-propylamine	BZD2600-BS1	LCS	1.5759	1.6722	mg/kg	94.2		40 - 120		
Pyrene	BZD2600-BS1	LCS	1.6352	1.6722	mg/kg	97.8		40 - 150		
1,2,4-Trichlorobenzene	BZD2600-BS1	LCS	1.7447	1.6722	mg/kg	104		50 - 120		
4-Chloro-3-methylphenol	BZD2600-BS1	LCS	1.3920	1.6722	mg/kg	83.2		50 - 130		
2-Chlorophenol	BZD2600-BS1	LCS	1.4133	1.6722	mg/kg	84.5		50 - 130		
2-Methylphenol	BZD2600-BS1	LCS	1.3822	1.6722	mg/kg	82.7		50 - 130		
3- & 4-Methylphenol	BZD2600-BS1	LCS	2.5772	3.3445	mg/kg	77.1		50 - 130		
4-Nitrophenol	BZD2600-BS1	LCS	0.80924	1.6722	mg/kg	48.4		30 - 130		
Pentachlorophenol	BZD2600-BS1	LCS	0.50278	1.3378	mg/kg	37.6		20 - 130		
Phenol	BZD2600-BS1	LCS	1.4526	1.6722	mg/kg	86.9		40 - 120		
2,4,6-Trichlorophenol	BZD2600-BS1	LCS	1.0980	1.6722	mg/kg	65.7		50 - 130		
2-Fluorophenol (Surrogate)	BZD2600-BS1	LCS	1.2042	1.6722	mg/kg	72.0		20 - 130		
Phenol-d5 (Surrogate)	BZD2600-BS1	LCS	1.3199	1.6722	mg/kg	78.9		30 - 130		
Nitrobenzene-d5 (Surrogate)	BZD2600-BS1	LCS	1.4612	1.6722	mg/kg	87.4		30 - 130		
2-Fluorobiphenyl (Surrogate)	BZD2600-BS1	LCS	1.2619	1.3378	mg/kg	94.3		30 - 140		
2,4,6-Tribromophenol (Surrogate)	BZD2600-BS1	LCS	1.1216	1.6722	mg/kg	67.1		20 - 150		
p-Terphenyl-d14 (Surrogate)	BZD2600-BS1	LCS	1.0977	1.3378	mg/kg	82.1		30 - 150		

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	Percent RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: BZD2600		Used client sample: Y - Description: SW-49-d7.5 Sidewall, 04/20/2016 07:50									
Acenaphthene	MS	1611371-04	ND	1.4432	1.6892	mg/kg		85.4		30 - 140	
	MSD	1611371-04	ND	1.4033	1.6556	mg/kg	2.8	84.8	30	30 - 140	
1,4-Dichlorobenzene	MS	1611371-04	ND	1.6821	1.6892	mg/kg		99.6		50 - 130	
	MSD	1611371-04	ND	1.6705	1.6556	mg/kg	0.7	101	30	50 - 130	
2,4-Dinitrotoluene	MS	1611371-04	ND	1.4632	1.6892	mg/kg		86.6		50 - 130	
	MSD	1611371-04	ND	1.3718	1.6556	mg/kg	6.4	82.9	30	50 - 130	
Hexachlorobenzene	MS	1611371-04	ND	0.84797	1.3514	mg/kg		62.8		50 - 130	
	MSD	1611371-04	ND	0.79977	1.3245	mg/kg	5.9	60.4	30	50 - 130	
Hexachlorobutadiene	MS	1611371-04	ND	1.5855	1.6892	mg/kg		93.9		50 - 130	
	MSD	1611371-04	ND	1.5970	1.6556	mg/kg	0.7	96.5	30	50 - 130	
Hexachloroethane	MS	1611371-04	ND	1.5118	1.6892	mg/kg		89.5		50 - 130	
	MSD	1611371-04	ND	1.4659	1.6556	mg/kg	3.1	88.5	30	50 - 130	
Nitrobenzene	MS	1611371-04	ND	1.6368	1.6892	mg/kg		96.9		30 - 120	
	MSD	1611371-04	ND	1.5950	1.6556	mg/kg	2.6	96.3	30	30 - 120	
N-Nitrosodi-N-propylamine	MS	1611371-04	ND	1.5480	1.6892	mg/kg		91.6		20 - 130	
	MSD	1611371-04	ND	1.3956	1.6556	mg/kg	10.4	84.3	30	20 - 130	
Pyrene	MS	1611371-04	ND	1.9358	1.6892	mg/kg		115		40 - 140	
	MSD	1611371-04	ND	1.8077	1.6556	mg/kg	6.8	109	30	40 - 140	
1,2,4-Trichlorobenzene	MS	1611371-04	ND	1.6608	1.6892	mg/kg		98.3		50 - 130	
	MSD	1611371-04	ND	1.6830	1.6556	mg/kg	1.3	102	30	50 - 130	
4-Chloro-3-methylphenol	MS	1611371-04	ND	1.5071	1.6892	mg/kg		89.2		50 - 130	
	MSD	1611371-04	ND	1.4762	1.6556	mg/kg	2.1	89.2	30	50 - 130	
2-Chlorophenol	MS	1611371-04	ND	1.5578	1.6892	mg/kg		92.2		50 - 130	
	MSD	1611371-04	ND	1.4598	1.6556	mg/kg	6.5	88.2	30	50 - 130	
2-Methylphenol	MS	1611371-04	ND	1.3726	1.6892	mg/kg		81.3		50 - 130	
	MSD	1611371-04	ND	1.2417	1.6556	mg/kg	10.0	75.0	30	50 - 130	
3- & 4-Methylphenol	MS	1611371-04	ND	2.6868	3.3784	mg/kg		79.5		50 - 130	
	MSD	1611371-04	ND	2.4073	3.3113	mg/kg	11.0	72.7	30	50 - 130	
4-Nitrophenol	MS	1611371-04	ND	1.1733	1.6892	mg/kg		69.5		30 - 140	
	MSD	1611371-04	ND	1.2128	1.6556	mg/kg	3.3	73.3	30	30 - 140	
Pentachlorophenol	MS	1611371-04	ND	0.94865	1.3514	mg/kg		70.2		30 - 130	
	MSD	1611371-04	ND	0.87525	1.3245	mg/kg	8.0	66.1	30	30 - 130	
Phenol	MS	1611371-04	ND	1.5365	1.6892	mg/kg		91.0		40 - 150	
	MSD	1611371-04	ND	1.3770	1.6556	mg/kg	11.0	83.2	30	40 - 150	
2,4,6-Trichlorophenol	MS	1611371-04	ND	1.3655	1.6892	mg/kg		80.8		50 - 130	
	MSD	1611371-04	ND	1.3073	1.6556	mg/kg	4.4	79.0	30	50 - 130	

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E & B Natural Resources Management Corp. 1600 Norris Road Bakersfield, CA 93308	Reported: 05/19/2016 13:21 Project: GIG Project Number: GIG Excavation Project Manager: Jennifer Brady
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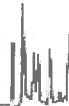
Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	Percent Recovery	Control Limits		Lab Quals
								RPD	Percent Recovery	
QC Batch ID: BZD2600		Used client sample: Y - Description: SW-49-d7.5 Sidewall, 04/20/2016 07:50								
2-Fluorophenol (Surrogate)	MS	1611371-04	ND	1.4199	1.6892	mg/kg	84.1		20 - 130	
	MSD	1611371-04	ND	1.3179	1.6556	mg/kg	7.5	79.6	20 - 130	
Phenol-d5 (Surrogate)	MS	1611371-04	ND	1.3885	1.6892	mg/kg		82.2	30 - 130	
	MSD	1611371-04	ND	1.2385	1.6556	mg/kg	11.4	74.8	30 - 130	
Nitrobenzene-d5 (Surrogate)	MS	1611371-04	ND	1.4767	1.6892	mg/kg		87.4	30 - 130	
	MSD	1611371-04	ND	1.3362	1.6556	mg/kg	10.0	80.7	30 - 130	
2-Fluorobiphenyl (Surrogate)	MS	1611371-04	ND	1.1943	1.3514	mg/kg		88.4	30 - 140	
	MSD	1611371-04	ND	1.0991	1.3245	mg/kg	8.3	83.0	30 - 140	
2,4,6-Tribromophenol (Surrogate)	MS	1611371-04	ND	1.4541	1.6892	mg/kg		86.1	20 - 150	
	MSD	1611371-04	ND	1.3268	1.6556	mg/kg	9.1	80.1	20 - 150	
p-Terphenyl-d14 (Surrogate)	MS	1611371-04	ND	1.3277	1.3514	mg/kg		98.2	30 - 150	S09
	MSD	1611371-04	ND	1.2318	1.3245	mg/kg	7.5	93.0	30 - 150	

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Project Number: GIG Excavation
Project Manager: Jennifer Brady

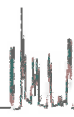
Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD1966						
Gasoline Range Organics (C4 - C12)	BZD1966-BLK1	ND	mg/kg	1.0	0.28	
a,a,a-Trifluorotoluene (FID Surrogate)	BZD1966-BLK1	115	%	70 - 130 (LCL - UCL)		

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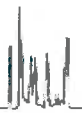
Purgeable Aromatics and Total Petroleum Hydrocarbons

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: BZD1966										
Gasoline Range Organics (C4 - C12)	BZD1966-BS1	LCS	5.4080	5.0000	mg/kg	108		85 - 115		
a,a,a-Trifluorotoluene (FID Surrogate)	BZD1966-BS1	LCS	0.047000	0.040000	mg/kg	118		70 - 130		

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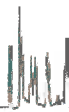
Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BZD1966		Used client sample: N								
Gasoline Range Organics (C4 - C12)	MS	1607274-86	ND	5.4390	5.0000	mg/kg		109		70 - 130
	MSD	1607274-86	ND	5.5070	5.0000	mg/kg	1.2	110	20	70 - 130
a,a,a-Trifluorotoluene (FID Surrogate)	MS	1607274-86	ND	0.040000	0.040000	mg/kg		100		70 - 130
	MSD	1607274-86	ND	0.044000	0.040000	mg/kg	9.5	110		70 - 130

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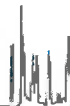
Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD2513						
TPH - Diesel (FFP)	BZD2513-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	BZD2513-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	BZD2513-BLK1	90.3	%	20 - 145 (LCL - UCL)		

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Bakersfield, CA 93308

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Petroleum Hydrocarbons

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: BZD2513										
TPH - Diesel (FFP)	BZD2513-BS1	LCS	70.926	84.746	mg/kg	83.7		64 - 124		
Tetracosane (Surrogate)	BZD2513-BS1	LCS	1.0390	1.0169	mg/kg	102		20 - 145		

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Project Number: GIG Excavation
Project Manager: Jennifer Brady

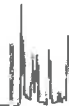
Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: BZD2513		Used client sample: Y - Description: SW50-d11.5 Sidewall, 04/20/2016 07:53									
TPH - Diesel (FFP)	MS	1611371-05	16.301	80.593	83.893	mg/kg		76.6		52 - 131	
	MSD	1611371-05	16.301	79.618	83.893	mg/kg	1.2	75.5	30	52 - 131	
Tetracosane (Surrogate)	MS	1611371-05	ND	0.98121	1.0067	mg/kg		97.5		20 - 145	
	MSD	1611371-05	ND	0.99966	1.0067	mg/kg	1.9	99.3		20 - 145	

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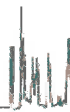
Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BZD2017						
Mercury	BZD2017-BLK1	ND	mg/kg	0.16	0.041	
QC Batch ID: BZD2046						
Antimony	BZD2046-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	BZD2046-BLK1	ND	mg/kg	1.0	0.40	
Barium	BZD2046-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	BZD2046-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	BZD2046-BLK1	ND	mg/kg	0.50	0.052	
Chromium	BZD2046-BLK1	ND	mg/kg	0.50	0.050	
Cobalt	BZD2046-BLK1	ND	mg/kg	2.5	0.098	
Copper	BZD2046-BLK1	ND	mg/kg	1.0	0.050	
Lead	BZD2046-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	BZD2046-BLK1	ND	mg/kg	2.5	0.050	
Nickel	BZD2046-BLK1	ND	mg/kg	0.50	0.15	
Selenium	BZD2046-BLK2	ND	mg/kg	1.0	0.98	
Silver	BZD2046-BLK1	ND	mg/kg	0.50	0.067	
Thallium	BZD2046-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	BZD2046-BLK1	ND	mg/kg	0.50	0.11	
Zinc	BZD2046-BLK1	0.67866	mg/kg	2.5	0.087	J

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

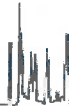
Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab Quals
								Percent Recovery	RPD	
QC Batch ID: BZD2017										
Mercury	BZD2017-BS1	LCS	0.80544	0.80000	mg/kg	101		80 - 120		
QC Batch ID: BZD2046										
Antimony	BZD2046-BS1	LCS	106.21	100.00	mg/kg	106		75 - 125		
Arsenic	BZD2046-BS1	LCS	10.628	10.000	mg/kg	106		75 - 125		
Barium	BZD2046-BS1	LCS	102.13	100.00	mg/kg	102		75 - 125		
Beryllium	BZD2046-BS1	LCS	9.7999	10.000	mg/kg	98.0		75 - 125		
Cadmium	BZD2046-BS1	LCS	10.142	10.000	mg/kg	101		75 - 125		
Chromium	BZD2046-BS1	LCS	107.14	100.00	mg/kg	107		75 - 125		
Cobalt	BZD2046-BS1	LCS	103.79	100.00	mg/kg	104		75 - 125		
Copper	BZD2046-BS1	LCS	100.97	100.00	mg/kg	101		75 - 125		
Lead	BZD2046-BS1	LCS	103.27	100.00	mg/kg	103		75 - 125		
Molybdenum	BZD2046-BS1	LCS	103.58	100.00	mg/kg	104		75 - 125		
Nickel	BZD2046-BS1	LCS	103.12	100.00	mg/kg	103		75 - 125		
Selenium	BZD2046-BS2	LCS	10.285	10.000	mg/kg	103		75 - 125		
Silver	BZD2046-BS1	LCS	9.9687	10.000	mg/kg	99.7		75 - 125		
Thallium	BZD2046-BS1	LCS	115.12	100.00	mg/kg	115		75 - 125		
Vanadium	BZD2046-BS1	LCS	110.71	100.00	mg/kg	111		75 - 125		
Zinc	BZD2046-BS1	LCS	103.70	100.00	mg/kg	104		75 - 125		

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLIC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: BZD2017		Used client sample: N									
Mercury	DUP	1611430-01	ND	ND		mg/kg			20		
	MS	1611430-01	ND	0.73844	0.78125	mg/kg		94.5		80 - 120	
	MSD	1611430-01	ND	0.76219	0.78125	mg/kg	3.2	97.6	20	80 - 120	
QC Batch ID: BZD2046		Used client sample: Y - Description: XB8--d13 Ex. Bottom, 04/20/2016 07:22									
Antimony	DUP	1611371-03	ND	ND		mg/kg			20		
	MS	1611371-03	ND	40.336	100.00	mg/kg		40.3		16 - 119	
	MSD	1611371-03	ND	40.014	100.00	mg/kg	0.8	40.0	20	16 - 119	
Arsenic	DUP	1611371-03	3.4578	3.5197		mg/kg	1.8		20		
	MS	1611371-03	3.4578	12.900	10.000	mg/kg		94.4		75 - 125	
	MSD	1611371-03	3.4578	13.737	10.000	mg/kg	6.3	103	20	75 - 125	
Barium	DUP	1611371-03	291.16	314.27		mg/kg	7.6		20		
	MS	1611371-03	291.16	412.41	100.00	mg/kg		121		75 - 125	
	MSD	1611371-03	291.16	379.49	100.00	mg/kg	8.3	88.3	20	75 - 125	
Beryllium	DUP	1611371-03	0.29389	0.30572		mg/kg	3.9		20		J
	MS	1611371-03	0.29389	9.6534	10.000	mg/kg		93.6		75 - 125	
	MSD	1611371-03	0.29389	9.6012	10.000	mg/kg	0.5	93.1	20	75 - 125	
Cadmium	DUP	1611371-03	ND	ND		mg/kg			20		
	MS	1611371-03	ND	9.4378	10.000	mg/kg		94.4		75 - 125	
	MSD	1611371-03	ND	9.4181	10.000	mg/kg	0.2	94.2	20	75 - 125	
Chromium	DUP	1611371-03	15.318	15.994		mg/kg	4.3		20		
	MS	1611371-03	15.318	111.50	100.00	mg/kg		96.2		75 - 125	
	MSD	1611371-03	15.318	111.29	100.00	mg/kg	0.2	96.0	20	75 - 125	
Cobalt	DUP	1611371-03	5.4022	5.5725		mg/kg	3.1		20		
	MS	1611371-03	5.4022	93.817	100.00	mg/kg		88.4		75 - 125	
	MSD	1611371-03	5.4022	92.725	100.00	mg/kg	1.2	87.3	20	75 - 125	
Copper	DUP	1611371-03	7.1903	7.4572		mg/kg	3.6		20		
	MS	1611371-03	7.1903	101.40	100.00	mg/kg		94.2		75 - 125	
	MSD	1611371-03	7.1903	101.68	100.00	mg/kg	0.3	94.5	20	75 - 125	
Lead	DUP	1611371-03	3.9113	4.1102		mg/kg	5.0		20		
	MS	1611371-03	3.9113	92.758	100.00	mg/kg		88.8		75 - 125	
	MSD	1611371-03	3.9113	92.714	100.00	mg/kg	0.0	88.8	20	75 - 125	
Molybdenum	DUP	1611371-03	ND	ND		mg/kg			20		
	MS	1611371-03	ND	86.671	100.00	mg/kg		86.7		75 - 125	
	MSD	1611371-03	ND	85.808	100.00	mg/kg	1.0	85.8	20	75 - 125	
Nickel	DUP	1611371-03	14.211	14.647		mg/kg	3.0		20		
	MS	1611371-03	14.211	100.29	100.00	mg/kg		86.1		75 - 125	
	MSD	1611371-03	14.211	99.676	100.00	mg/kg	0.6	85.5	20	75 - 125	

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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Total Concentrations (TTLIC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
QC Batch ID: BZD2046		Used client sample: Y - Description: XB8--d13 Ex. Bottom, 04/20/2016 07:22									
Selenium	DUP	1611371-03	ND	ND		mg/kg			20		
	MS	1611371-03	ND	8.4410	10.000	mg/kg		84.4		75 - 125	
	MSD	1611371-03	ND	8.5196	10.000	mg/kg	0.9	85.2	20	75 - 125	
Silver	DUP	1611371-03	0.16297	0.15018		mg/kg	8.2		20		J
	MS	1611371-03	0.16297	9.7346	10.000	mg/kg		95.7		75 - 125	
	MSD	1611371-03	0.16297	9.7216	10.000	mg/kg	0.1	95.6	20	75 - 125	
Thallium	DUP	1611371-03	ND	ND		mg/kg			20		
	MS	1611371-03	ND	94.624	100.00	mg/kg		94.6		75 - 125	
	MSD	1611371-03	ND	94.646	100.00	mg/kg	0.0	94.6	20	75 - 125	
Vanadium	DUP	1611371-03	28.415	29.219		mg/kg	2.8		20		
	MS	1611371-03	28.415	127.83	100.00	mg/kg		99.4		75 - 125	
	MSD	1611371-03	28.415	128.88	100.00	mg/kg	0.8	100	20	75 - 125	
Zinc	DUP	1611371-03	22.628	23.916		mg/kg	5.5		20		
	MS	1611371-03	22.628	112.04	100.00	mg/kg		89.4		75 - 125	
	MSD	1611371-03	22.628	112.07	100.00	mg/kg	0.0	89.4	20	75 - 125	

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LABORATORY REPORT

**Aquatic
Testing
Laboratories**

"dedicated to providing quality aquatic toxicity testing"

4350 Transport Street, Unit 107
Ventura, CA 93003
(805) 650-0546 FAX (805) 650-0756
CA ELAP Cert. No.: 1775

Date: May 18, 2016

Client: BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308
Attn: Kerrie Vaughan

Laboratory No.: A-16051306-001/002
Sample ID.: 1611371-01/02

Sample Control: The sample was received by ATL in a chilled state, with the chain of custody record attached.


Date Sampled: 04/20/16
Date Received: 05/13/16
Date Tested: 05/14/16 to 05/18/16

Sample Analysis: The following analyses were performed on your sample:
CCR Title 22 - Fathead Minnow Hazardous Waste Screen Bioassay (Polisini and Miller 1988).
Attached are the test data generated from the analysis of your sample. All testing was conducted under the direct supervision of Joseph A. LeMay.

Result Summary:

<u>Sample ID.</u>	<u>Results</u>
1611371-01	PASS (LC50 > 750 mg/l)
1611371-02	PASS (LC50 > 750 mg/l)

Quality Control: Reviewed and approved by:


Joseph A. LeMay
Laboratory Director

This report pertains only to the samples investigated and does not necessarily apply to other apparently identical or similar materials. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of the Laboratory's name for advertising or publicity purpose without authorization is prohibited.



FATHEAD MINNOW HAZARDOUS WASTE SCREEN BIOASSAY



Lab No.: A16051306-001

Client/ID: BC 1611371-01C

TEST SUMMARY

Species: Pimephales promelas. Fish weight (gm): av: 0.42; min: 0.36; max: 0.47. Reference Toxicant: SDS conducted per batch. Test chamber volume: 10 liters. Temperature: 20 +/- 2°C. Aeration: none, unless D.O. drops below 5.0 mg/l. Number of replicates: 2. Dilution water: Soft reconstituted water (40-48 mg/l CaCO3).

Source: Thomas Fish. Regulations: CCR Title 22. Test Protocol: California F&G/DHS 1988. Endpoints: Survival at 96 hrs. Test type: Static. Feeding: None. Number of fish per chamber: 10. Photoperiod: 16/8 hrs light/dark.

TEST DATA

Table with columns for Date/Time, Analyst, and parameters (°C, DO, pH, #D) at 24 Hr, 48 Hr, 72 Hr, and 96 Hr intervals. Includes rows for Control A, Control B, 400 mg/l A, 400 mg/l B, 750 mg/l A, and 750 mg/l B. Includes a comments section for extraction method and dissolved oxygen readings.

Table with columns for Alkalinity and Hardness under CONTROL and HIGH CONCENTRATION, and a Total Number Dead column. Rows include Initial and Final values for Alkalinity and Hardness, and Total Number Dead for Control, 400 mg/l, and 750 mg/l.

Table with columns for RESULTS (PASSED, FAILED) and LC50 values. Includes a note: (the checked (✓) result applies based on fish survival rates of this test; NA - not applicable).

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FATHEAD MINNOW HAZARDOUS WASTE SCREEN BIOASSAY



Lab No.: A16051306-002

Client/ID: DC 1611371-02C

TEST SUMMARY

Species: Pimephales promelas. Fish weight (gm): av: 0.42; min: 0.36; max: 0.47. Reference Toxicant: SDS conducted per batch. Test chamber volume: 10 liters. Temperature: 20 +/- 2°C. Aeration: none, unless D.O. drops below 5.0 mg/l. Number of replicates: 2. Dilution water: Soft reconstituted water (40-48 mg/l CaCO3).

Source: Thomas Fish. Regulations: CCR Title 22. Test Protocol: California F&G/DHS 1988. Endpoints: Survival at 96 hrs. Test type: Static. Feeding: None. Number of fish per chamber: 10. Photoperiod: 16/8 hrs light/dark.

TEST DATA

Table with columns for Date/Time, Analyst, and parameters (°C, DO, pH, #D) at 24 Hr, 48 Hr, 72 Hr, and 96 Hr for Control A, Control B, and various concentrations (400 mg/l, 750 mg/l).

Comments: Extraction method: Mechanical shaking [checked] / None (aqueous solution) NA. Dissolved Oxygen (DO) readings in mg/l O2. Test Aerated: Yes / No

Table with columns for CONTROL, HIGH CONCENTRATION, and Total Number Dead, showing Alkalinity and Hardness (mg/l CaCO3) at Initial and Final stages.

RESULTS

(the checked (✓) result applies based on fish survival rates of this test; NA - not applicable)

Table with columns for result status (PASSED, FAILED) and LC50 values (LC50 > 750 mg/l, LC50 < 400 mg/l).

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SUBCONTRACT ORDER

BC Laboratories
1611371

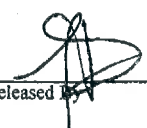

SENDING LABORATORY:

BC Laboratories
4100 Atlas Ct
Bakersfield, CA 93308
Phone: 661-327-4911
Fax: 661-327-1918
Project Manager: Kerrie Vaughan

RECEIVING LABORATORY:

Aquatic Testing Laboratory \$AQTCT
4350 Transport St. #107
Ventura, CA 93003
Phone : (805) 650-0546
Fax: (805) 650-0756

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 1611371-01	Solids	Sampled:04/20/16 07:15	[REDACTED]	
cis Fish Tox AQTCT	05/05/16 17:00	04/19/17 07:15		
Containers Supplied:	8 oz jar C			
Sample ID: 1611371-02	Solids	Sampled:04/20/16 07:20	[REDACTED]	
ois Fish Tox AQTCT	05/05/16 17:00	04/19/17 07:20		
Containers Supplied:	C			

 5.12.16  5-13-16 1102
 Released By _____ Date _____ Received By _____ Date _____
 Released By _____ Date _____ Received By _____ Date _____



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

Reported: 05/19/2016 13:21
Project: GIG
Project Number: GIG Excavation
Project Manager: Jennifer Brady

Notes And Definitions

- J Estimated Value (CLP Flag)
- MDL Method Detection Limit
- ND Analyte Not Detected
- PQL Practical Quantitation Limit
- A01 Detection and quantitation limits are raised due to sample dilution.
- A07 Detection and quantitation limits were raised due to sample dilution caused by high analyte concentration or matrix interference.
- A10 Detection and quantitation limits were raised due to matrix interference.
- A17 Surrogate not reportable due to sample dilution.
- A19 Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.
- A52 Chromatogram not typical of diesel.
- A57 Chromatogram not typical of motor oil.
- S09 The surrogate recovery on the sample for this compound was not within the control limits.

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