

February 18, 2014

LT Environmental, Inc.

John Cocroft

4600 West 60th Avenue

Arvada CO 80003

Project Name - KMG - Weichel 2N-11HZ Pad

Project Number - [none]

Attached are your analytical results for KMG - Weichel 2N-11HZ Pad received by Origins Laboratory, Inc. January 07, 2014. This project is associated with Origins project number X401059-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO 80003

John Cocroft
Project Number: [none]
Project: KMG - Weichel 2N-11HZ Pad

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Weichel 15-14 On Pad	X401059-01	Soil	January 7, 2014 12:00	01/07/2014 17:00
Weichel 15-14 Off Comp	X401059-02	Soil	January 7, 2014 12:10	01/07/2014 17:00
Weichel 16-14 Off (OA)	X401059-03	Soil	January 7, 2014 12:15	01/07/2014 17:00
Weichel 16-14 Off OB	X401059-04	Soil	January 7, 2014 12:17	01/07/2014 17:00
Weichel 16-14 Off OC	X401059-05	Soil	January 7, 2014 12:19	01/07/2014 17:00
Weichel 16-14 Off OD	X401059-06	Soil	January 7, 2014 12:22	01/07/2014 17:00

Origins Laboratory, Inc.



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Noelle Doyle Mathis, President

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 4600 West 60th Avenue
 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

www.originslaboratory.com

X401059

page 1 of 1

Client: LT ENVIRONMENTAL
 Address: 4600 W 60th AVE
 Telephone Number: 303 433 9788
 Email Address: BPARASOLO@LTENV.COM
 J.COCROFT@LTENV.COM

Project Manager: JOHN COCROFT
 Project Name: WEICHEL 15-14HZ
 Project Number:
 Samples Collected by: B. PARASOLO

Sample ID Description	Date Sampled	Time Sampled	# of Containers	Preservative				Matrix			Analysis	Sample Instructions	
				Unpreserved	HCl	HNO ₃	Other	Groundwater	Soil	Air Summa #			Other
WEICHEL 15-14 GN PAD	1/7/14	1200	3					X			X	1	
WEICHEL 15-14 OFF CAMP		1210	2								X	2	
WEICHEL 15-14 OFF (CH-100)		1215	1								X	3	
" 0B		1217	1								X	4	
" 0C		1219	1								X	5	
" 0D		1222	1								X	6	
												7	
												8	
												9	
												10	
Relinquished By: <i>[Signature]</i>	Date: 1/7/14	Time: 1700	Received By: <i>[Signature]</i>	Date: 1/7/14	Time: 1700	Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard							
Relinquished By:	Date:	Time:	Received By:	Date:	Time:								

1725 Elk Place | Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Date Results Needed

Origins Laboratory, Inc.



Noelle Doyle Mathis, President

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LT Environmental, Inc.
 4600 West 60th Avenue
 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Origins Laboratory

F-012207-01-R1
 Effective Date: 01/09/12

Sample Receipt Checklist

Origins Work Order: X401059

Client: LTE

Client Project ID: Weichel 15-14 Hz

Checklist Completed by: Jeff Smith

Shipped Via: Pick Up
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 1/7/14 17:17

Airbill #: NA

Matrix(s) Received: (Check all that apply): Soil/Solid Water Other: _____

Cooler Number/Temperature: 133 °C / _____ °C / _____ °C (Describe) _____ °C

Thermometer ID: T002

Requirement Description	Yes	No	N/A	Comments (if any)
If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾² ?	<input checked="" type="checkbox"/>			
Is there ice present (document if blue ice is used)?	<input checked="" type="checkbox"/>			
Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact)		<input checked="" type="checkbox"/>		
Were all samples received intact ⁽¹⁾² ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided ⁽¹⁾² ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾² ?	<input checked="" type="checkbox"/>			
Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾² ?	<input checked="" type="checkbox"/>			PII
Does the COC agree with the number and type of sample bottles received ⁽¹⁾² ?	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Missing Sample Date
Do the sample IDs on the bottle labels match the COC ⁽¹⁾² ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾² ?	<input checked="" type="checkbox"/>			
For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative.			<input checked="" type="checkbox"/>	Soil
Are samples preserved that require preservation and was it checked ⁽¹⁾² (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH < 2 for samples preserved with HNO3, HCL, H2SO4) / (pH > 10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	Soil

Additional Comments (if any): Added Sample date to COC from Sample Containers

1/8/14 Jeff Smith

If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature]

Date/Time Reviewed 1-10-14 10:58

Origins Laboratory, Inc.

[Signature]

Noelle Doyle Mathis, President

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LT Environmental, Inc.
 4600 West 60th Avenue
 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Weichel 15-14 On Pad
1/7/2014 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X401059-01 (Soil)

BTEX by EPA 8260C

Benzene	ND	0.002	mg/kg	1	4A08011	01/08/2014	01/08/2014	
Toluene	ND	0.002	"	"	"	"	"	
Ethylbenzene	ND	0.002	"	"	"	"	"	
Xylenes, total	ND	0.002	"	"	"	"	"	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	106 %	70-130			"	"	"	
<i>Surrogate: Toluene-d8</i>	94.7 %	70-130			"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	100 %	70-130			"	"	"	

Conductance/Specific Conductance by EPA 120.1

Specific Conductance (EC)	0.425		mmhos/cm	1	4A09008	01/09/2014	01/10/2014	
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Metals by SW846 3050B/6010C

Arsenic	2.72	2.98	mg/kg dry	1	1359198	01/13/2014	01/14/2014	J
Barium	84.6	0.497	"	"	"	"	"	

pH by SW846 9045C/9045D

pH	7.92	0.100	SU	1	1359324		01/13/2014	H
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SAR Metals by SW846 3050B/6010C

Calcium	14900	24.8	mg/kg dry	1	1359198	01/13/2014	01/14/2014	
Magnesium	2130	29.8	"	"	"	"	"	

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 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Weichel 15-14 On Pad
1/7/2014 12:00:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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GEL Laboratories, LLC
X401059-01 (Soil)

SAR Metals by SW846 3050B/6010C

Sodium	84.3	24.8	mg/kg dry	1	1359198	01/13/2014	01/14/2014	
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Sodium Adsorption Ratio

Sodium Adsorption Ratio	0.171		none	1	1360022		01/14/2014	
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TCLP Metals by SW846 3010A/6010C

Arsenic	ND	0.300	mg/L	1	1359943	01/14/2014	01/14/2014	U
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TPH-Carbon Chain by EPA Method 8015C

Gasoline (C6-C10)	ND	25.0	mg/kg	1	4A08010	01/08/2014	01/09/2014	
Diesel (C10-C28)	26.2	25.0	"	"	"	"	"	
Residual Range Organics (C28-C36)	ND	50.0	"	"	"	"	"	
TPH - Carbon Chain Total	26.2	25.0	"	"	"	"	"	

Surrogate: o-Terphenyl	96.9 %	59-131			"	"	"	
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LT Environmental, Inc.
 4600 West 60th Avenue
 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Weichel 15-14 Off Comp
1/7/2014 12:10:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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Origins Laboratory, Inc.
X401059-02 (Soil)

Conductance/Specific Conductance by EPA 120.1

Specific Conductance (EC)	0.0815		mmhos/cm	1	4A09008	01/09/2014	01/10/2014	
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Metals by SW846 3050B/6010C

Arsenic	2.23	3.03	mg/kg dry	1	1359198	01/13/2014	01/14/2014	J
Barium	28.7	0.505	"	"	"	"	"	

pH by SW846 9045C/9045D

pH	7.56	0.100	SU	1	1359324		01/13/2014	H
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SAR Metals by SW846 3050B/6010C

Calcium	2780	25.2	mg/kg dry	1	1359198	01/13/2014	01/14/2014	
Magnesium	655	30.3	"	"	"	"	"	
Sodium	17.6	25.2	"	"	"	"	"	J

Sodium Adsorption Ratio

Sodium Adsorption Ratio	0.0778		none	1	1360022		01/14/2014	
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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO 80003

John Cocroft
Project Number: [none]
Project: KMG - Weichel 2N-11HZ Pad

Weichel 16-14 Off (OA)
1/7/2014 12:15:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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GEL Laboratories, LLC
X401059-03 (Soil)

Metals by SW846 3050B/6010C

Arsenic	2.23	2.80	mg/kg dry	1	1359198	01/13/2014	01/14/2014	J
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Arvada CO 80003

John Cocroft
Project Number: [none]
Project: KMG - Weichel 2N-11HZ Pad

Weichel 16-14 Off OB
1/7/2014 12:17:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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GEL Laboratories, LLC
X401059-04 (Soil)

Metals by SW846 3050B/6010C

Arsenic	2.28	3.17	mg/kg dry	1	1359198	01/13/2014	01/14/2014	J
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Arvada CO 80003

John Cocroft
Project Number: [none]
Project: KMG - Weichel 2N-11HZ Pad

Weichel 16-14 Off OC
1/7/2014 12:19:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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GEL Laboratories, LLC
X401059-05 (Soil)

Metals by SW846 3050B/6010C

Arsenic	1.84	3.04	mg/kg dry	1	1359198	01/13/2014	01/14/2014	J
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LT Environmental, Inc.
4600 West 60th Avenue
Arvada CO 80003

John Cocroft
Project Number: [none]
Project: KMG - Weichel 2N-11HZ Pad

Weichel 16-14 Off OD
1/7/2014 12:22:00PM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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GEL Laboratories, LLC
X401059-06 (Soil)

Metals by SW846 3050B/6010C

Arsenic	2.98	3.10	mg/kg dry	1	1359198	01/13/2014	01/14/2014	J
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 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4A08011 - EPA 5030 (soil)

Blank (4A08011-BLK1)

Prepared: 01/08/2014 Analyzed: 01/08/2014

Benzene	ND	0.002	mg/kg							
Toluene	ND	0.002	"							
Ethylbenzene	ND	0.002	"							
Xylenes, total	ND	0.002	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>64</i>		<i>ug/kg</i>	<i>62.5</i>		<i>102</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>60</i>		<i>"</i>	<i>62.5</i>		<i>96.8</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>62</i>		<i>"</i>	<i>62.5</i>		<i>99.1</i>	<i>70-130</i>			

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Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4A08011 - EPA 5030 (soil)

LCS (4A08011-BS1)

Prepared: 01/08/2014 Analyzed: 01/08/2014

Benzene	0.1	0.002	mg/kg	0.100		99.2	70-130			
Toluene	0.1	0.002	"	0.100		101	70-130			
Ethylbenzene	0.1	0.002	"	0.100		98.4	70-130			
m,p-Xylene	0.2	0.004	"	0.200		100	70-130			
o-Xylene	0.1	0.002	"	0.100		101	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>65</i>		<i>ug/kg</i>	<i>62.5</i>		<i>105</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>61</i>		<i>"</i>	<i>62.5</i>		<i>97.2</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>61</i>		<i>"</i>	<i>62.5</i>		<i>97.6</i>	<i>70-130</i>			

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 4600 West 60th Avenue
 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4A08011 - EPA 5030 (soil)

Matrix Spike (4A08011-MS1)	Source: X401047-01			Prepared: 01/08/2014 Analyzed: 01/08/2014						
Benzene	0.09	0.002	mg/kg	0.100	ND	85.5	70-130			
Toluene	0.09	0.002	"	0.100	ND	87.7	70-130			
Ethylbenzene	0.09	0.002	"	0.100	ND	85.3	70-130			
m,p-Xylene	0.2	0.004	"	0.200	ND	91.4	70-130			
o-Xylene	0.09	0.002	"	0.100	ND	87.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	62		ug/kg	62.5		98.6	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.3	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.9	70-130			

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John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4A08011 - EPA 5030 (soil)

Matrix Spike Dup (4A08011-MSD1)	Source: X401047-01			Prepared: 01/08/2014 Analyzed: 01/08/2014						
Benzene	0.09	0.002	mg/kg	0.100	ND	91.9	70-130	7.24	20	
Toluene	0.1	0.002	"	0.100	ND	95.4	70-130	8.41	20	
Ethylbenzene	0.09	0.002	"	0.100	ND	92.2	70-130	7.73	20	
m,p-Xylene	0.2	0.004	"	0.200	ND	98.4	70-130	7.31	20	
o-Xylene	0.1	0.002	"	0.100	ND	95.8	70-130	9.20	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>61</i>		<i>ug/kg</i>	<i>62.5</i>		<i>98.1</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>62</i>		<i>"</i>	<i>62.5</i>		<i>98.7</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>63</i>		<i>"</i>	<i>62.5</i>		<i>101</i>	<i>70-130</i>			

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LT Environmental, Inc.
 4600 West 60th Avenue
 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Extractable Petroleum Hydrocarbons by 8015M - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4A08010 - EPA 3580

Blank (4A08010-BLK1)

Prepared: 01/08/2014 Analyzed: 01/08/2014

Gasoline (C6-C10)	ND	50.0	mg/kg							
Diesel (C10-C28)	ND	50.0	"							
Residual Range Organics (C28-C36)	ND	100	"							
TPH - Carbon Chain Total	ND	50.0	"							

Surrogate: *o*-Terphenyl 50.3 g 50.0 101 59-131

LCS (4A08010-BS1)

Prepared: 01/08/2014 Analyzed: 01/08/2014

Gasoline (C6-C10)	941	50.0	mg/kg	1000		94.1	59-133			
Diesel (C10-C28)	1030	50.0	"	1000		103	64-121			
Residual Range Organics (C28-C36)	775	100	"	1000		77.5	58-124			

Surrogate: *o*-Terphenyl 58.8 g 50.0 118 59-131

Matrix Spike (4A08010-MS1)

Source: X401045-01

Prepared: 01/08/2014 Analyzed: 01/08/2014

Gasoline (C6-C10)	918	50.0	mg/kg	1000	21.2	89.7	57-139			
Diesel (C10-C28)	984	50.0	"	1000	ND	98.4	53-125			
Residual Range Organics (C28-C36)	809	100	"	1000	115	69.4	47-133			

Surrogate: *o*-Terphenyl 58.0 g 50.0 116 59-131

Matrix Spike Dup (4A08010-MSD1)

Source: X401045-01

Prepared: 01/08/2014 Analyzed: 01/08/2014

Gasoline (C6-C10)	896	50.0	mg/kg	1000	21.2	87.5	57-139	2.43	20	
Diesel (C10-C28)	989	50.0	"	1000	ND	98.9	53-125	0.526	20	
Residual Range Organics (C28-C36)	895	100	"	1000	115	78.0	47-133	10.1	20	

Origins Laboratory, Inc.



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Noelle Doyle Mathis, President

LT Environmental, Inc.
 4600 West 60th Avenue
 Arvada CO 80003

John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Extractable Petroleum Hydrocarbons by 8015M - Quality Control
 Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4A08010 - EPA 3580

Matrix Spike Dup (4A08010-MSD1)

Source: X401045-01

Prepared: 01/08/2014 Analyzed: 01/08/2014

Surrogate: <i>o</i> -Terphenyl	57.5		<i>g</i>	50.0		115	59-131			
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Classical Chemistry Parameters - Quality Control
Origins Laboratory, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4A09008 - NO PREP										
Blank (4A09008-BLK1)					Prepared: 01/09/2014 Analyzed: 01/10/2014					
Specific Conductance (EC)	0.00180		mmhos/cm							
Duplicate (4A09008-DUP1)					Source: X401058-02 Prepared: 01/09/2014 Analyzed: 01/10/2014					
Specific Conductance (EC)	0.0800		mmhos/cm		0.0780			2.53	10	

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John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

Metals by SW846 3050B/6010C - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1359198 - SW846 3050B

BLANK (1203017169-BLK)

Prepared: 01/13/2014 Analyzed: 01/14/2014

Barium	ND	0.496	mg/kg		0		-			U
Arsenic	0.963	2.98	"		0		-			J

LCS (1203017170-BKS)

Prepared: 01/13/2014 Analyzed: 01/14/2014

Barium	46.3	0.460	mg/kg	46.0	0	101	80-120			
Arsenic	45.0	2.76	"	46.0	0	97.8	80-120			

DUP (1203017776 D)

Source: 341046001

Prepared: 01/13/2014 Analyzed: 01/14/2014

Barium	273	0.518	mg/kg dry		262		0-20	4.06	20	
Arsenic	3.04	3.11	"		4.33		0-20	35.0	20	J

MS (1203017778 S)

Source: 341046001

Prepared: 01/13/2014 Analyzed: 01/14/2014

Arsenic	54.2	3.13	mg/kg dry	52.1	4.33	95.6	75-125			
Barium	319	0.521	"	52.1	262	109	75-125			

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John Cocroft
 Project Number: [none]
 Project: KMG - Weichel 2N-11HZ Pad

pH by SW846 9045C/9045D - Quality Control
GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1359324 -										
DUP (1203017460 D)		Source: 341046001			Prepared: Analyzed: 01/13/2014					
pH	8.02	0.100	SU		7.96		0-10	0.751	10	H
DUP (1203017461 D)		Source: X401059-01			Prepared: Analyzed: 01/13/2014					
pH	7.90	0.100	SU		7.92		0-10	0.253	10	H
LCS (1203017462-BKS)		Prepared: Analyzed: 01/13/2014								
pH	7.04	0.100	SU	7.00	0	101	99-101			

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 Project: KMG - Weichel 2N-11HZ Pad

TCLP Metals by SW846 3010A/6010C - Quality Control
 GEL Laboratories, LLC

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1359943 - SW846 3010A										
TB (1203017407-BLK)					Prepared: 01/14/2014 Analyzed: 01/14/2014					
Arsenic	ND	0.300	mg/L		0		-			U
MS (1203018196 S)		Source: 341048001			Prepared: 01/14/2014 Analyzed: 01/14/2014					
Arsenic	5.26	0.300	mg/L	5.00	<0.050	105	75-125			
BLANK (1203018925-BLK)					Prepared: 01/14/2014 Analyzed: 01/14/2014					
Arsenic	ND	0.300	mg/L		0		-			U
LCS (1203018926-BKS)					Prepared: 01/14/2014 Analyzed: 01/14/2014					
Arsenic	5.15	0.300	mg/L	5.00	0	103	80-120			
DUP (1203019094 D)		Source: 341048001			Prepared: 01/14/2014 Analyzed: 01/14/2014					
Arsenic	ND	0.300	mg/L		<0.050		0-20	NR	20	U

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Arvada CO 80003

John Cocroft
Project Number: [none]
Project: KMG - Weichel 2N-11HZ Pad

Notes and Definitions

- U Result not detected above the detection limit
- J Greater than the detection limit but less than the reporting limit
- H Holding time exceeded
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference

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