

February 14, 2014

LT Environmental, Inc.

John Cocroft

4600 West 60th Avenue

Arvada CO 80003

Project Name - KMG - Powers 30N-27HZ Pad

Project Number - 014211290

Attached are your analytical results for KMG - Powers 30N-27HZ Pad received by Origins Laboratory, Inc. January 08, 2014. This project is associated with Origins project number X401069-01.

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: 014211290  
Project: KMG - Powers 30N-27HZ Pad

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Powers 13-27 On Pad	X401069-01	Soil	January 8, 2014 9:45	01/08/2014 17:00
Powers 13-27 Off (0A)	X401069-02	Soil	January 8, 2014 9:55	01/08/2014 17:00
Powers 13-27 Off (0B)	X401069-03	Soil	January 8, 2014 9:58	01/08/2014 17:00
Powers 13-27 Off (0C)	X401069-04	Soil	January 8, 2014 9:59	01/08/2014 17:00
Powers 13-27 Off (0D)	X401069-05	Soil	January 8, 2014 10:01	01/08/2014 17:00
Powers 13-27 Off Comp	X401069-06	Soil	January 8, 2014 10:05	01/08/2014 17:00

Origins Laboratory, Inc.



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Noelle Doyle Mathis, President



LT Environmental, Inc.  
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 Arvada CO 80003

John Cocroft  
 Project Number: 014211290  
 Project: KMG - Powers 30N-27HZ Pad

Origins Laboratory

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

Sample Receipt Checklist

Origins Work Order: X401069 Client: LTE  
 Client Project ID: Powers 13-27HZ  
 Checklist Completed by: Jeff Smith Shipped Via: Pick Up  
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Date/time completed: 1/8/14 17:20 Airbill #: NA  
 Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_  
 Cooler Number/Temperature: 12.4 °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C / \_\_\_\_\_ °C (Describe)  
 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 <sup>(1)</sup> ?	<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 <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Was adequate sample volume provided <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Are short holding time analytes or samples with HTs due within 48 hours present <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			PH
Is a chain-of-custody (COC) present and filled out completely <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Does the COC agree with the number and type of sample bottles received <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Do the sample IDs on the bottle labels match the COC <sup>(1)</sup> ?	<input checked="" type="checkbox"/>			
Is the COC properly relinquished by the client with date and time recorded <sup>(1)</sup> ?	<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 <sup>(1)</sup> ? (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 HNO <sub>3</sub> , HCL, H <sub>2</sub> SO <sub>4</sub> / ( pH > 10 for samples preserved with NaAsO <sub>2</sub> +NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	Soil
Additional Comments (if any):				

<sup>(1)</sup>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 01-15-14 1555

Origins Laboratory, Inc.

[Signature]

Noelle Doyle Mathis, President

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 4600 West 60th Avenue  
 Arvada CO 80003

John Cocroft  
 Project Number: 014211290  
 Project: KMG - Powers 30N-27HZ Pad

**Powers 13-27 On Pad**  
**1/8/2014 9:45:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**X401069-01 (Soil)**

**BTEX by EPA 8260C**

Benzene	ND	0.004	mg/kg	1	4A09009	01/09/2014	01/13/2014	
Toluene	ND	0.004	"	"	"	"	"	
Ethylbenzene	ND	0.004	"	"	"	"	"	
Xylenes, total	ND	0.004	"	"	"	"	"	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	114 %	70-130			"	"	"	
<i>Surrogate: Toluene-d8</i>	107 %	70-130			"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>	107 %	70-130			"	"	"	

**Conductance/Specific Conductance by EPA 120.1**

Specific Conductance (EC)	0.293		mmhos/cm	1	4A09008	01/09/2014	01/10/2014	
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**Metals by SW846 3050B/6010C**

Arsenic	2.25	2.65	mg/kg dry	1	1359200	01/13/2014	01/14/2014	J
Barium	411	0.442	"	"	"	"	"	

**pH by SW846 9045C/9045D**

pH	8.18	0.100	SU	1	1359375		01/11/2014	H
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**SAR Metals by SW846 3050B/6010C**

Calcium	2470	22.1	mg/kg dry	1	1359200	01/13/2014	01/14/2014	
Magnesium	991	26.5	"	"	"	"	"	

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 Arvada CO 80003

John Cocroft  
 Project Number: 014211290  
 Project: KMG - Powers 30N-27HZ Pad

**Powers 13-27 On Pad**  
**1/8/2014 9:45:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**GEL Laboratories, LLC**  
**X401069-01 (Soil)**

**SAR Metals by SW846 3050B/6010C**

Sodium	143	22.1	mg/kg dry	1	1359200	01/13/2014	01/14/2014	
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**Sodium Adsorption Ratio**

Sodium Adsorption Ratio	0.614		none	1	1360022		01/14/2014	
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**TCLP Metals by 1311/3010A/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	4A09010	01/09/2014	01/10/2014	
Diesel (C10-C28)	ND	25.0	"	"	"	"	"	
Residual Range Organics (C28-C36)	ND	50.0	"	"	"	"	"	
TPH - Carbon Chain Total	ND	25.0	"	"	"	"	"	

Surrogate: o-Terphenyl	96.3 %	59-131			"	"	"	
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Project Number: 014211290  
Project: KMG - Powers 30N-27HZ Pad

Powers 13-27 Off (0A)  
1/8/2014 9:55:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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GEL Laboratories, LLC  
X401069-02 (Soil)

Metals by SW846 3050B/6010C

Arsenic	2.22	2.82	mg/kg dry	1	1359200	01/13/2014	01/14/2014	J
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John Cocroft  
Project Number: 014211290  
Project: KMG - Powers 30N-27HZ Pad

**Powers 13-27 Off (OB)**

**1/8/2014 9:58:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**GEL Laboratories, LLC**  
**X401069-03 (Soil)**

**Metals by SW846 3050B/6010C**

Arsenic	4.17	3.13	mg/kg dry	1	1359200	01/13/2014	01/14/2014	
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Arvada CO 80003

John Cocroft  
Project Number: 014211290  
Project: KMG - Powers 30N-27HZ Pad

Powers 13-27 Off (OC)  
1/8/2014 9:59:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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GEL Laboratories, LLC  
X401069-04 (Soil)

Metals by SW846 3050B/6010C

Arsenic	2.12	2.72	mg/kg dry	1	1359200	01/13/2014	01/14/2014	J
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Project Number: 014211290  
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Powers 13-27 Off (OD)  
1/8/2014 10:01:00AM

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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GEL Laboratories, LLC  
X401069-05 (Soil)

**Metals by SW846 3050B/6010C**

Arsenic	2.14	3.11	mg/kg dry	1	1359200	01/13/2014	01/14/2014	J
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**Powers 13-27 Off Comp**  
**1/8/2014 10:05:00AM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**X401069-06 (Soil)**

**Conductance/Specific Conductance by EPA 120.1**

Specific Conductance (EC)	0.0790		mmhos/cm	1	4A09008	01/09/2014	01/10/2014	
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**Metals by SW846 3050B/6010C**

Arsenic	2.92	3.02	mg/kg dry	1	1359200	01/13/2014	01/14/2014	J
Barium	845	0.503	"	"	"	"	"	

**pH by SW846 9045C/9045D**

pH	8.50	0.100	SU	1	1359375		01/11/2014	H
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**SAR Metals by SW846 3050B/6010C**

Calcium	3670	25.1	mg/kg dry	1	1359200	01/13/2014	01/14/2014	
Magnesium	527	30.2	"	"	"	"	"	
Sodium	34.2	25.1	"	"	"	"	"	

**Sodium Adsorption Ratio**

Sodium Adsorption Ratio	0.140		none	1	1360022		01/14/2014	
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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 4A09009 - EPA 5030 (soil)

Blank (4A09009-BLK1)

Prepared: 01/09/2014 Analyzed: 01/13/2014

Benzene	ND	0.004	mg/kg							
Toluene	ND	0.004	"							
Ethylbenzene	ND	0.004	"							
Xylenes, total	ND	0.004	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>71</i>		<i>ug/kg</i>	<i>62.5</i>		<i>113</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>67</i>		<i>"</i>	<i>62.5</i>		<i>108</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>68</i>		<i>"</i>	<i>62.5</i>		<i>108</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 4A09009 - EPA 5030 (soil)

LCS (4A09009-BS1)

Prepared: 01/09/2014 Analyzed: 01/13/2014

Benzene	0.2	0.004	mg/kg	0.200		100	70-130			
Toluene	0.2	0.004	"	0.200		112	70-130			
Ethylbenzene	0.2	0.004	"	0.200		105	70-130			
m,p-Xylene	0.4	0.008	"	0.400		98.3	70-130			
o-Xylene	0.2	0.004	"	0.200		102	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>61</i>		<i>ug/kg</i>	<i>62.5</i>		<i>97.2</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>69</i>		<i>"</i>	<i>62.5</i>		<i>111</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>68</i>		<i>"</i>	<i>62.5</i>		<i>109</i>	<i>70-130</i>			

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 Project: KMG - Powers 30N-27HZ 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 4A09009 - EPA 5030 (soil)

Matrix Spike (4A09009-MS1)	Source: X401067-01			Prepared: 01/09/2014 Analyzed: 01/13/2014						
Benzene	0.2	0.004	mg/kg	0.200	ND	109	70-130			
Toluene	0.2	0.004	"	0.200	ND	111	70-130			
Ethylbenzene	0.2	0.004	"	0.200	ND	105	70-130			
m,p-Xylene	0.4	0.008	"	0.400	ND	96.1	70-130			
o-Xylene	0.2	0.004	"	0.200	ND	105	70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>72</i>		<i>ug/kg</i>	<i>62.5</i>		<i>115</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>67</i>		<i>"</i>	<i>62.5</i>		<i>107</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>68</i>		<i>"</i>	<i>62.5</i>		<i>109</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 4A09009 - EPA 5030 (soil)

Matrix Spike Dup (4A09009-MSD1)	Source: X401067-01			Prepared: 01/09/2014 Analyzed: 01/13/2014						
Benzene	0.2	0.004	mg/kg	0.200	ND	100	70-130	8.30	20	
Toluene	0.2	0.004	"	0.200	ND	103	70-130	7.50	20	
Ethylbenzene	0.2	0.004	"	0.200	ND	99.2	70-130	5.26	20	
m,p-Xylene	0.4	0.008	"	0.400	ND	92.3	70-130	4.01	20	
o-Xylene	0.2	0.004	"	0.200	ND	98.8	70-130	6.08	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>68</i>		<i>ug/kg</i>	<i>62.5</i>		<i>108</i>	<i>70-130</i>			
<i>Surrogate: Toluene-d8</i>	<i>68</i>		<i>"</i>	<i>62.5</i>		<i>109</i>	<i>70-130</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>67</i>		<i>"</i>	<i>62.5</i>		<i>107</i>	<i>70-130</i>			

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 Project Number: 014211290  
 Project: KMG - Powers 30N-27HZ 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 4A09010 - EPA 3580

**Blank (4A09010-BLK1)**

Prepared: 01/09/2014 Analyzed: 01/09/2014

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 56.8 g 50.0 114 59-131

**Blank (4A09010-BLK2)**

Prepared: 01/09/2014 Analyzed: 01/09/2014

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 46.2 g 50.0 92.4 59-131

**LCS (4A09010-BS1)**

Prepared: 01/09/2014 Analyzed: 01/09/2014

Gasoline (C6-C10)	956	50.0	mg/kg	1000		95.6	59-133			
Diesel (C10-C28)	1010	50.0	"	1000		101	64-121			
Residual Range Organics (C28-C36)	923	100	"	1000		92.3	58-124			

Surrogate: *o*-Terphenyl 60.9 g 50.0 122 59-131

**LCS (4A09010-BS2)**

Prepared: 01/09/2014 Analyzed: 01/09/2014

Gasoline (C6-C10)	1120	50.0	mg/kg	1000		112	59-133			
Diesel (C10-C28)	1160	50.0	"	1000		116	64-121			

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 Project Number: 014211290  
 Project: KMG - Powers 30N-27HZ 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
<b>Batch 4A09010 - EPA 3580</b>										
<b>LCS (4A09010-BS2)</b>					Prepared: 01/09/2014 Analyzed: 01/09/2014					
Residual Range Organics (C28-C36)	1090	100	mg/kg	1000		109	58-124			
<i>Surrogate: o-Terphenyl</i>	<i>59.3</i>		<i>g</i>	<i>50.0</i>		<i>119</i>	<i>59-131</i>			
<b>Matrix Spike (4A09010-MS1)</b>		<b>Source: X401067-01</b>			Prepared: 01/09/2014 Analyzed: 01/09/2014					
Gasoline (C6-C10)	953	50.0	mg/kg	1000	ND	95.3	57-139			
Diesel (C10-C28)	1000	50.0	"	1000	ND	100	53-125			
Residual Range Organics (C28-C36)	936	100	"	1000	22.7	91.3	47-133			
<i>Surrogate: o-Terphenyl</i>	<i>55.8</i>		<i>g</i>	<i>50.0</i>		<i>112</i>	<i>59-131</i>			
<b>Matrix Spike (4A09010-MS2)</b>		<b>Source: X401083-02</b>			Prepared: 01/09/2014 Analyzed: 01/09/2014					
Gasoline (C6-C10)	1050	50.0	mg/kg	1000	ND	105	57-139			
Diesel (C10-C28)	1090	50.0	"	1000	ND	109	53-125			
Residual Range Organics (C28-C36)	1060	100	"	1000	55.8	100	47-133			
<i>Surrogate: o-Terphenyl</i>	<i>59.3</i>		<i>g</i>	<i>50.0</i>		<i>119</i>	<i>59-131</i>			
<b>Matrix Spike Dup (4A09010-MSD1)</b>		<b>Source: X401067-01</b>			Prepared: 01/09/2014 Analyzed: 01/09/2014					
Gasoline (C6-C10)	756	50.0	mg/kg	1000	ND	75.6	57-139	23.0	20	QR-02
Diesel (C10-C28)	823	50.0	"	1000	ND	82.3	53-125	19.6	20	
Residual Range Organics (C28-C36)	805	100	"	1000	22.7	78.2	47-133	15.1	20	
<i>Surrogate: o-Terphenyl</i>	<i>41.8</i>		<i>g</i>	<i>50.0</i>		<i>83.5</i>	<i>59-131</i>			
<b>Matrix Spike Dup (4A09010-MSD2)</b>		<b>Source: X401083-02</b>			Prepared: 01/09/2014 Analyzed: 01/09/2014					
Gasoline (C6-C10)	830	50.0	mg/kg	1000	ND	83.0	57-139	23.4	20	QR-02
Diesel (C10-C28)	892	50.0	"	1000	ND	89.2	53-125	19.7	20	
Residual Range Organics (C28-C36)	852	100	"	1000	55.8	79.6	47-133	21.7	20	QR-02
<i>Surrogate: o-Terphenyl</i>	<i>44.4</i>		<i>g</i>	<i>50.0</i>		<i>88.7</i>	<i>59-131</i>			

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Noelle Doyle Mathis, President

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

John Cocroft  
 Project Number: 014211290  
 Project: KMG - Powers 30N-27HZ Pad

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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**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 1359200 - SW846 3050B

**BLANK (1203017174-BLK)**

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

Arsenic	ND	2.91	mg/kg		0		-			U
Barium	0.124	0.485	"		0		-			J

**LCS (1203017175-BKS)**

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

Arsenic	45.7	2.77	mg/kg	46.2	0	98.9	80-120			
Barium	45.4	0.462	"	46.2	0	98.3	80-120			

**DUP (1203017176 D)**

Source: 341062001

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

Arsenic	1.28	2.98	mg/kg dry		2.02		0-20	44.6	20	J
Barium	27.0	0.497	"		28.5		0-20	5.49	20	

**MS (1203017177 S)**

Source: 341062001

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

Barium	79.5	0.507	mg/kg dry	50.7	28.5	101	75-125			
Arsenic	51.1	3.04	"	50.7	2.02	96.9	75-125			

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**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 1359375 -										
DUP (1203017571 D)		Source: 341062003			Prepared: Analyzed: 01/11/2014					
pH	7.75	0.100	SU		7.72		0-10	0.388	10	H
DUP (1203017572 D)		Source: 341066001			Prepared: Analyzed: 01/11/2014					
pH	8.38	0.100	SU		8.13		0-10	3.03	10	H
LCS (1203017573-BKS)		Prepared: Analyzed: 01/11/2014								
pH	6.98	0.100	SU	7.00	0	99.7	99-101			

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TCLP Metals by 1311/3010A/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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### Notes and Definitions

- U Result not detected above the detection limit
- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- 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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