

February 13, 2018

Tasman Geosciences

Bob Cornez

6899 Pecos Street, Unit C

Denver CO 80211

Project Name - KMG - Sekich Farms 16-18

Project Number - [none]

Attached are your analytical results for KMG - Sekich Farms 16-18 received by Origins Laboratory, Inc. February 12, 2018. This project is associated with Origins project number Y802167-01.

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



Tasman Geosciences  
6899 Pecos Street, Unit C  
Denver CO 80211

Bob Cornez  
Project Number: [none]  
Project: KMG - Sekich Farms 16-18

## CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GW01@6'	Y802167-01	Water	February 12, 2018 16:16	02/12/2018 18:04
N01@5'	Y802167-02	Soil	February 12, 2018 16:15	02/12/2018 18:04
E01@5'	Y802167-03	Soil	February 12, 2018 16:17	02/12/2018 18:04
S01@5'	Y802167-04	Soil	February 12, 2018 16:19	02/12/2018 18:04
W01@5'	Y802167-05	Soil	February 12, 2018 16:21	02/12/2018 18:04

Per the email from Mike on 02/13/18, samples E01@5', S01@5', and W01@5' were taken off hold for a same day TAT.

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Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: Y80267

Client: Tasman  
 Client Project ID: KMG - Sekich Farms 16-18

Checklist Completed by: [Signature]  
 Date/time completed: 2-12-15

Shipped Via: HD  
 (UPS, FedEx, Hand Delivered, Pick-up, etc.)  
 Airbill #: NA

Matrix(s) Received: (Check all that apply):  Soil/Solid  Water  Other: \_\_\_\_\_ (Describe)

Cooler Number/Temperature:  / 33 °C  / \_\_\_\_\_ °C  / \_\_\_\_\_ °C  / \_\_\_\_\_ °C

Thermometer ID: 1003

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"/>			ptt
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? <b>If yes, contact client and note in narrative.</b>		<input checked="" type="checkbox"/>		
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"/>	

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]

2-12-15  
 Date/Time Reviewed

Origins Laboratory, Inc.

[Signature: Jen Pellegrini]

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**GW01@6'**  
**2/12/2018 4:16:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y802167-01 (Water)**

**BTEX by EPA 8260C**

Benzene	7.96	4.00	ug/L	4	B8B1201	02/12/2018	02/12/2018	
Toluene	54.7	4.00	"	"	"	"	"	
Ethylbenzene	6.88	4.00	"	"	"	"	"	
Xylenes, total	75.6	4.00	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4	102 %	84-121			"	"	"	
Surrogate: Toluene-d8	101 %	85-115			"	"	"	
Surrogate: 4-Bromofluorobenzene	99.7 %	84-114			"	"	"	

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**N01@5'**  
**2/12/2018 4:15:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y802167-02 (Soil)**

**DRO/RRO by EPA8015C**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B8B1206	02/12/2018	02/12/2018	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

*Surrogate: o-Terphenyl* 74.6 % 59-131 " " "

**GBTEX by EPA 8260C**

Gasoline Range Hydrocarbons	ND	0.200	mg/kg	1	B8B1207	02/12/2018	02/13/2018	U
Benzene	ND	0.002	"	"	"	"	"	U
Toluene	ND	0.002	"	"	"	"	"	U
Ethylbenzene	ND	0.002	"	"	"	"	"	U
Xylenes, total	ND	0.002	"	"	"	"	"	U

*Surrogate: 1,2-Dichloroethane-d4* 116 % 70-130 " " "  
*Surrogate: Toluene-d8* 98.2 % 70-130 " " "  
*Surrogate: 4-Bromofluorobenzene* 100 % 70-130 " " "

**pH in Soil by EPA 9045D**

pH	8.44		pH Units	1	B8B1209	02/12/2018	02/12/2018	
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**Specific Conductance by Modified 9050A**

Specific Conductance (EC)	0.111		mmhos/cm	"	B8B1210	02/12/2018	"	
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**E01@5'**  
**2/12/2018 4:17:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y802167-03 (Soil)**

**DRO/RRO by EPA8015C**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B8B1302	02/13/2018	02/13/2018	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

*Surrogate: o-Terphenyl* 75.8 % 59-131 " " "

**GBTEX by EPA 8260C**

Gasoline Range Hydrocarbons	ND	5.00	mg/kg	25	B8B1301	02/13/2018	02/13/2018	U
Benzene	ND	0.050	"	"	"	"	"	U
Toluene	ND	0.050	"	"	"	"	"	U
Ethylbenzene	ND	0.050	"	"	"	"	"	U
Xylenes, total	ND	0.050	"	"	"	"	"	U

*Surrogate: 1,2-Dichloroethane-d4* 102 % 70-130 " " "  
*Surrogate: Toluene-d8* 100 % 70-130 " " "  
*Surrogate: 4-Bromofluorobenzene* 96.0 % 70-130 " " "

**pH in Soil by EPA 9045D**

pH	8.49		pH Units	1	B8B1303	02/13/2018	02/13/2018	
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**Specific Conductance by Modified 9050A**

Specific Conductance (EC)	0.0991		mmhos/cm	"	B8B1304	"	"	
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**S01@5'**  
**2/12/2018 4:19:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y802167-04 (Soil)**

**DRO/RRO by EPA8015C**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B8B1302	02/13/2018	02/13/2018	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

*Surrogate: o-Terphenyl* 72.5 % 59-131 " " "

**GBTEX by EPA 8260C**

Gasoline Range Hydrocarbons	ND	5.00	mg/kg	25	B8B1301	02/13/2018	02/13/2018	U
Benzene	ND	0.050	"	"	"	"	"	U
Toluene	ND	0.050	"	"	"	"	"	U
Ethylbenzene	ND	0.050	"	"	"	"	"	U
Xylenes, total	ND	0.050	"	"	"	"	"	U

*Surrogate: 1,2-Dichloroethane-d4* 102 % 70-130 " " "  
*Surrogate: Toluene-d8* 100 % 70-130 " " "  
*Surrogate: 4-Bromofluorobenzene* 97.1 % 70-130 " " "

**pH in Soil by EPA 9045D**

pH	8.63		pH Units	1	B8B1303	02/13/2018	02/13/2018	
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**Specific Conductance by Modified 9050A**

Specific Conductance (EC)	0.154		mmhos/cm	"	B8B1304	"	02/13/2018	
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**W01@5'**  
**2/12/2018 4:21:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y802167-05 (Soil)**

**DRO/RRO by EPA8015C**

Diesel (C10-C28)	ND	25.0	mg/kg	1	B8B1302	02/13/2018	02/13/2018	U
Residual Range Organics (C28-C40)	ND	100	"	"	"	"	"	U

*Surrogate: o-Terphenyl* 78.4 % 59-131 " " "

**GBTEX by EPA 8260C**

Gasoline Range Hydrocarbons	ND	5.00	mg/kg	25	B8B1301	02/13/2018	02/13/2018	U
Benzene	ND	0.050	"	"	"	"	"	U
Toluene	ND	0.050	"	"	"	"	"	U
Ethylbenzene	ND	0.050	"	"	"	"	"	U
Xylenes, total	ND	0.050	"	"	"	"	"	U

*Surrogate: 1,2-Dichloroethane-d4* 101 % 70-130 " " "  
*Surrogate: Toluene-d8* 98.8 % 70-130 " " "  
*Surrogate: 4-Bromofluorobenzene* 95.2 % 70-130 " " "

**pH in Soil by EPA 9045D**

pH	8.62		pH Units	1	B8B1303	02/13/2018	02/13/2018	
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**Specific Conductance by Modified 9050A**

Specific Conductance (EC)	0.151		mmhos/cm	"	B8B1304	"	"	
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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 B8B1201 - EPA 5030B (Water)**

**Blank (B8B1201-BLK1)**

Prepared: 02/12/2018 Analyzed: 02/12/2018

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5	98.0		84-121			
Surrogate: Toluene-d8	60		"	62.5	95.3		85-115			
Surrogate: 4-Bromofluorobenzene	59		"	62.5	94.3		84-114			

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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 B8B1201 - EPA 5030B (Water)**

**Blank (B8B1201-BLK2)**

Prepared: 02/12/2018 Analyzed: 02/12/2018

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	58		"	62.5	92.0		84-121			
Surrogate: Toluene-d8	64		"	62.5	102		85-115			
Surrogate: 4-Bromofluorobenzene	61		"	62.5	97.2		84-114			

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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 B8B1201 - EPA 5030B (Water)**

**LCS (B8B1201-BS1)**

Prepared: 02/12/2018 Analyzed: 02/12/2018

Benzene	45.1	1.00	ug/L	50.0		90.3	73.3-129			
Toluene	44.0	1.00	"	50.0		88.0	76.2-123			
Ethylbenzene	43.3	1.00	"	50.0		86.6	73.6-130			
m,p-Xylene	85.6	2.00	"	100		85.6	76.1-126			
o-Xylene	42.4	1.00	"	50.0		84.9	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	60		"	62.5		95.8	84-121			
Surrogate: Toluene-d8	63		"	62.5		101	85-115			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		103	84-114			

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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 B8B1201 - EPA 5030B (Water)**

**LCS (B8B1201-BS2)**

Prepared: 02/12/2018 Analyzed: 02/12/2018

Benzene	49.2	1.00	ug/L	50.0		98.5	73.3-129			
Toluene	48.7	1.00	"	50.0		97.4	76.2-123			
Ethylbenzene	46.9	1.00	"	50.0		93.8	73.6-130			
m,p-Xylene	91.4	2.00	"	100		91.4	76.1-126			
o-Xylene	44.3	1.00	"	50.0		88.6	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		98.0	84-121			
Surrogate: Toluene-d8	65		"	62.5		104	85-115			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		100	84-114			

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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 B8B1201 - EPA 5030B (Water)

Matrix Spike (B8B1201-MS1)	Source: Y802092-05			Prepared: 02/12/2018 Analyzed: 02/12/2018						
Benzene	52.4	1.00	ug/L	50.0	ND	105	74-130			
Toluene	52.2	1.00	"	50.0	ND	104	73-131			
Ethylbenzene	49.9	1.00	"	50.0	ND	99.8	76-132			
m,p-Xylene	96.5	2.00	"	100	ND	96.5	69-139			
o-Xylene	45.7	1.00	"	50.0	ND	91.5	74-131			
Surrogate: 1,2-Dichloroethane-d4	54		"	62.5		87.0	84-121			
Surrogate: Toluene-d8	64		"	62.5		102	85-115			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.9	84-114			

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**Volatile Organic Compounds by GC/MS SW846 8260C - Quality Control**  
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B8B1201 - EPA 5030B (Water)

Matrix Spike (B8B1201-MS2)	Source: Y802092-08			Prepared: 02/12/2018 Analyzed: 02/12/2018						
Benzene	51.3	1.00	ug/L	50.0	ND	103	74-130			
Toluene	50.9	1.00	"	50.0	ND	102	73-131			
Ethylbenzene	49.1	1.00	"	50.0	0.070	98.1	76-132			
m,p-Xylene	94.6	2.00	"	100	ND	94.6	69-139			
o-Xylene	45.4	1.00	"	50.0	ND	90.8	74-131			
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.8	84-121			
Surrogate: Toluene-d8	64		"	62.5		103	85-115			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.6	84-114			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B8B1201 - EPA 5030B (Water)**

<b>Matrix Spike Dup (B8B1201-MSD1)</b>	<b>Source: Y802092-05</b>			<b>Prepared: 02/12/2018 Analyzed: 02/12/2018</b>						
Benzene	51.5	1.00	ug/L	50.0	ND	103	74-130	1.62	20	
Toluene	51.1	1.00	"	50.0	ND	102	73-131	2.19	20	
Ethylbenzene	48.6	1.00	"	50.0	ND	97.2	76-132	2.68	20	
m,p-Xylene	94.9	2.00	"	100	ND	94.9	69-139	1.69	20	
o-Xylene	45.2	1.00	"	50.0	ND	90.4	74-131	1.12	20	
Surrogate: 1,2-Dichloroethane-d4	54		"	62.5		86.7	84-121			
Surrogate: Toluene-d8	65		"	62.5		105	85-115			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.3	84-114			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch B8B1201 - EPA 5030B (Water)**

Matrix Spike Dup (B8B1201-MSD2)	Source: Y802092-08			Prepared: 02/12/2018 Analyzed: 02/12/2018						
Benzene	46.6	1.00	ug/L	50.0	ND	93.1	74-130	9.73	20	
Toluene	46.0	1.00	"	50.0	ND	92.0	73-131	10.2	20	
Ethylbenzene	43.6	1.00	"	50.0	0.070	87.1	76-132	11.9	20	
m,p-Xylene	84.5	2.00	"	100	ND	84.5	69-139	11.3	20	
o-Xylene	41.6	1.00	"	50.0	ND	83.3	74-131	8.68	20	
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.8	84-121			
Surrogate: Toluene-d8	64		"	62.5		103	85-115			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.2	84-114			

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 6899 Pecos Street, Unit C  
 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1207 - EPA 5030 (soil)**

**Blank (B8B1207-BLK1)**

Prepared: 02/12/2018 Analyzed: 02/12/2018

Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Surrogate: 1,2-Dichloroethane-d4	68		ug/kg	62.5		109	70-130			
Surrogate: Toluene-d8	63		"	62.5		101	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		102	70-130			

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1207 - EPA 5030 (soil)**

**LCS (B8B1207-BS1)**

Prepared: 02/12/2018 Analyzed: 02/12/2018

Benzene	0.104	0.002	mg/kg	0.100		104	77.1-124			
Toluene	0.100	0.002	"	0.100		99.9	74.5-128			
Ethylbenzene	0.099	0.002	"	0.100		99.5	66.4-127			
m,p-Xylene	0.198	0.004	"	0.200		98.8	76.6-124			
o-Xylene	0.096	0.002	"	0.100		96.4	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	61		ug/kg	62.5		96.9	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.3	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.4	70-130			

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1207 - EPA 5030 (soil)

Matrix Spike (B8B1207-MS1)	Source: Y802157-01			Prepared: 02/12/2018 Analyzed: 02/12/2018						
Benzene	0.103	0.002	mg/kg	0.100	0.006	96.8	71.8-126			
Toluene	0.099	0.002	"	0.100	0.005	93.8	65.1-130			
Ethylbenzene	0.095	0.002	"	0.100	0.0006	94.7	62.2-130			
m,p-Xylene	0.195	0.004	"	0.200	ND	97.4	46.5-137			
o-Xylene	0.095	0.002	"	0.100	0.0008	94.3	54.2-134			
Surrogate: 1,2-Dichloroethane-d4	65		ug/kg	62.5		104	70-130			
Surrogate: Toluene-d8	61		"	62.5		97.2	70-130			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.6	70-130			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1207 - EPA 5030 (soil)

Matrix Spike Dup (B8B1207-MSD1)	Source: Y802157-01			Prepared: 02/12/2018 Analyzed: 02/12/2018						
Benzene	0.108	0.002	mg/kg	0.100	0.006	102	71.8-126	5.19	11.3	
Toluene	0.103	0.002	"	0.100	0.005	98.6	65.1-130	4.75	15.4	
Ethylbenzene	0.099	0.002	"	0.100	0.0006	98.1	62.2-130	3.53	19.6	
m,p-Xylene	0.205	0.004	"	0.200	ND	102	46.5-137	5.02	19.2	
o-Xylene	0.100	0.002	"	0.100	0.0008	99.5	54.2-134	5.24	17.9	
Surrogate: 1,2-Dichloroethane-d4	65		ug/kg	62.5		104	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.5	70-130			

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1301 - EPA 5030 (soil)**

**Blank (B8B1301-BLK1)**

Prepared: 02/13/2018 Analyzed: 02/13/2018

Gasoline Range Hydrocarbons	ND	0.200	mg/kg							U
Benzene	ND	0.002	"							U
Toluene	ND	0.002	"							U
Ethylbenzene	ND	0.002	"							U
Xylenes, total	ND	0.002	"							U
Surrogate: 1,2-Dichloroethane-d4	70		ug/kg	62.5		112	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		102	70-130			

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1301 - EPA 5030 (soil)**

**LCS (B8B1301-BS1)**

Prepared: 02/13/2018 Analyzed: 02/13/2018

Benzene	0.104	0.002	mg/kg	0.100		104	77.1-124			
Toluene	0.102	0.002	"	0.100		102	74.5-128			
Ethylbenzene	0.101	0.002	"	0.100		101	66.4-127			
m,p-Xylene	0.208	0.004	"	0.200		104	76.6-124			
o-Xylene	0.099	0.002	"	0.100		98.9	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	64		ug/kg	62.5		102	70-130			
Surrogate: Toluene-d8	62		"	62.5		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	60		"	62.5		96.7	70-130			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1301 - EPA 5030 (soil)

Matrix Spike (B8B1301-MS1)	Source: Y802030-01			Prepared: 02/13/2018 Analyzed: 02/13/2018						
Benzene	0.100	0.002	mg/kg	0.100	ND	100	71.8-126			
Toluene	0.100	0.002	"	0.100	ND	100	65.1-130			
Ethylbenzene	0.102	0.002	"	0.100	ND	102	62.2-130			
m,p-Xylene	0.212	0.004	"	0.200	ND	106	46.5-137			
o-Xylene	0.101	0.002	"	0.100	0.0003	101	54.2-134			
Surrogate: 1,2-Dichloroethane-d4	60		ug/kg	62.5		96.0	70-130			
Surrogate: Toluene-d8	64		"	62.5		102	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.3	70-130			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1301 - EPA 5030 (soil)**

<b>Matrix Spike Dup (B8B1301-MSD1)</b>	<b>Source: Y802030-01</b>			<b>Prepared: 02/13/2018 Analyzed: 02/13/2018</b>						
Benzene	0.109	0.002	mg/kg	0.100	ND	109	71.8-126	8.71	11.3	
Toluene	0.106	0.002	"	0.100	ND	106	65.1-130	5.59	15.4	
Ethylbenzene	0.104	0.002	"	0.100	ND	104	62.2-130	1.61	19.6	
m,p-Xylene	0.211	0.004	"	0.200	ND	106	46.5-137	0.378	19.2	
o-Xylene	0.104	0.002	"	0.100	0.0003	104	54.2-134	2.30	17.9	
Surrogate: 1,2-Dichloroethane-d4	64		ug/kg	62.5		102	70-130			
Surrogate: Toluene-d8	62		"	62.5		98.9	70-130			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		97.1	70-130			

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 8015C - 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 B8B1206 - EPA 3550B**

**Blank (B8B1206-BLK1)**

Prepared: 02/12/2018 Analyzed: 02/12/2018

Diesel (C10-C28)	ND	50.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	200	"							U
Surrogate: o-Terphenyl	44		"	50.0		87.6	59-131			

**LCS (B8B1206-BS1)**

Prepared: 02/12/2018 Analyzed: 02/12/2018

Diesel (C10-C28)	907	50.0	mg/kg	1000		90.7	64-121			
Residual Range Organics (C28-C40)	833	200	"	1000		83.3	58-124			
Surrogate: o-Terphenyl	43		"	50.0		86.5	59-131			

**Matrix Spike (B8B1206-MS1)**

Source: Y802123-01

Prepared: 02/12/2018 Analyzed: 02/12/2018

Diesel (C10-C28)	1300	50.0	mg/kg	1000	380	92.3	53-125			
Residual Range Organics (C28-C40)	953	200	"	1000	96.5	85.6	47-133			
Surrogate: o-Terphenyl	52		"	50.0		104	59-131			

**Matrix Spike Dup (B8B1206-MSD1)**

Source: Y802123-01

Prepared: 02/12/2018 Analyzed: 02/12/2018

Diesel (C10-C28)	1260	50.0	mg/kg	1000	380	87.7	53-125	5.06	20	
Residual Range Organics (C28-C40)	883	200	"	1000	96.5	78.7	47-133	8.42	20	
Surrogate: o-Terphenyl	47		"	50.0		93.0	59-131			

**Batch B8B1302 - EPA 3550B**

**Blank (B8B1302-BLK1)**

Prepared: 02/13/2018 Analyzed: 02/13/2018

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B8B1302 - EPA 3550B</b>										
<b>Blank (B8B1302-BLK1)</b>										
					Prepared: 02/13/2018 Analyzed: 02/13/2018					
Diesel (C10-C28)	ND	50.0	mg/kg							U
Residual Range Organics (C28-C40)	ND	200	"							U
Surrogate: o-Terphenyl	42		"	50.0		84.8	59-131			
<b>LCS (B8B1302-BS1)</b>										
					Prepared: 02/13/2018 Analyzed: 02/13/2018					
Diesel (C10-C28)	945	50.0	mg/kg	1000		94.5	64-121			
Residual Range Organics (C28-C40)	896	200	"	1000		89.6	58-124			
Surrogate: o-Terphenyl	48		"	50.0		95.3	59-131			
<b>Matrix Spike (B8B1302-MS1)</b>										
		<b>Source: Y802167-03</b>			Prepared: 02/13/2018 Analyzed: 02/13/2018					
Diesel (C10-C28)	880	50.0	mg/kg	1000	ND	88.0	53-125			
Residual Range Organics (C28-C40)	804	200	"	1000	8.34	79.5	47-133			
Surrogate: o-Terphenyl	45		"	50.0		89.9	59-131			
<b>Matrix Spike Dup (B8B1302-MSD1)</b>										
		<b>Source: Y802167-03</b>			Prepared: 02/13/2018 Analyzed: 02/13/2018					
Diesel (C10-C28)	926	50.0	mg/kg	1000	ND	92.6	53-125	5.18	20	
Residual Range Organics (C28-C40)	870	200	"	1000	8.34	86.2	47-133	8.06	20	
Surrogate: o-Terphenyl	48		"	50.0		96.0	59-131			

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**Classical Chemistry Parameters - Quality Control**  
**Origins Laboratory, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch B8B1209 - NO PREP</b>										
<b>Duplicate (B8B1209-DUP1)</b>		<b>Source: Y802165-01</b>			Prepared: 02/12/2018 Analyzed: 02/12/2018					
pH	8.42		pH Units		8.62			2.35	25	
<b>Batch B8B1210 - NO PREP</b>										
<b>Blank (B8B1210-BLK1)</b>		Prepared: 02/12/2018 Analyzed: 02/12/2018								
Specific Conductance (EC)	0.00410		mmhos/cm							
<b>Duplicate (B8B1210-DUP1)</b>		<b>Source: Y802165-01</b>			Prepared: 02/12/2018 Analyzed: 02/12/2018					
Specific Conductance (EC)	0.221		mmhos/cm		0.220			0.499	25	
<b>Batch B8B1303 - NO PREP</b>										
<b>Duplicate (B8B1303-DUP1)</b>		<b>Source: Y802167-03</b>			Prepared: 02/13/2018 Analyzed: 02/13/2018					
pH	8.31		pH Units		8.49			2.14	25	
<b>Batch B8B1304 - NO PREP</b>										
<b>Blank (B8B1304-BLK1)</b>		Prepared: 02/12/2018 Analyzed: 02/12/2018								
Specific Conductance (EC)	0.00410		mmhos/cm							
<b>Duplicate (B8B1304-DUP1)</b>		<b>Source: Y802167-03</b>			Prepared: 02/13/2018 Analyzed: 02/13/2018					
Specific Conductance (EC)	0.0953		mmhos/cm		0.0991			3.91	25	

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6899 Pecos Street, Unit C  
Denver CO 80211

Bob Cornez  
Project Number: [none]  
Project: KMG - Sekich Farms 16-18

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**Notes and Definitions**

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

Origins Laboratory, Inc.



*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

---

Jen Pellegrini For Noelle Doyle Mathis, President

February 14, 2018

Tasman Geosciences

Bob Cornez

6899 Pecos Street, Unit C

Denver CO 80211

Project Name - KMG - Sekich Farms 16-18

Project Number - [none]

Attached are your analytical results for KMG - Sekich Farms 16-18 received by Origins Laboratory, Inc. February 13, 2018. This project is associated with Origins project number Y802184-01.

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



Tasman Geosciences  
6899 Pecos Street, Unit C  
Denver CO 80211

Bob Cornez  
Project Number: [none]  
Project: KMG - Sekich Farms 16-18

CROSS REFERENCE REPORT

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GW02	Y802184-01	Water	February 13, 2018 14:45	02/13/2018 16:54

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Jen Pellegrini For Noelle Doyle Mathis, President



Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

Origins Laboratory

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

**Sample Receipt Checklist**

Origins Work Order: Y802184

Client: Tasman

Client Project ID: mb - Sekich Farms 16-18

Checklist Completed by: J. Pellegrini

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

Date/time completed: 2-13-18

Airbill #: NA

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

Cooler Number/Temperature:  / 4.0 °C  / \_\_\_\_\_ °C  / \_\_\_\_\_ °C (Describe) \_\_\_\_\_ °C

Thermometer ID: T003

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"/>		
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? <b>If yes, contact client and note in narrative.</b>		<input checked="" type="checkbox"/>		
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 HNO3, HCL, H2SO4) / (pH >10 for samples preserved with NaAsO2+NaOH, ZnAc+NaOH)			<input checked="" type="checkbox"/>	
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 2-13-18

Origins Laboratory, Inc.

Jefe Pellegrini

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Tasman Geosciences  
 6899 Pecos Street, Unit C  
 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**GW02**  
**2/13/2018 2:45:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Notes
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**Origins Laboratory, Inc.**  
**Y802184-01 (Water)**

**BTEX by EPA 8260C**

Benzene	ND	1.00	ug/L	1	B8B1307	02/13/2018	02/13/2018	U
Toluene	ND	1.00	"	"	"	"	"	U
Ethylbenzene	ND	1.00	"	"	"	"	"	U
Xylenes, total	ND	1.00	"	"	"	"	"	U
Surrogate: 1,2-Dichloroethane-d4	102 %	84-121			"	"	"	
Surrogate: Toluene-d8	101 %	85-115			"	"	"	
Surrogate: 4-Bromofluorobenzene	99.7 %	84-114			"	"	"	

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1307 - EPA 5030B (Water)**

**Blank (B8B1307-BLK1)**

Prepared: 02/13/2018 Analyzed: 02/13/2018

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	61		"	62.5		97.2	84-121			
Surrogate: Toluene-d8	63		"	62.5		100	85-115			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.1	84-114			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1307 - EPA 5030B (Water)**

**Blank (B8B1307-BLK2)**

Prepared: 02/13/2018 Analyzed: 02/13/2018

Benzene	ND	1.00	ug/L							U
Toluene	ND	1.00	"							U
Ethylbenzene	ND	1.00	"							U
Xylenes, total	ND	1.00	"							U
Surrogate: 1,2-Dichloroethane-d4	66		"	62.5	106		84-121			
Surrogate: Toluene-d8	62		"	62.5	98.7		85-115			
Surrogate: 4-Bromofluorobenzene	62		"	62.5	99.1		84-114			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1307 - EPA 5030B (Water)**

**LCS (B8B1307-BS1)**

Prepared: 02/13/2018 Analyzed: 02/13/2018

Benzene	51.1	1.00	ug/L	50.0		102	73.3-129			
Toluene	50.0	1.00	"	50.0		100	76.2-123			
Ethylbenzene	48.5	1.00	"	50.0		97.1	73.6-130			
m,p-Xylene	93.7	2.00	"	100		93.7	76.1-126			
o-Xylene	45.2	1.00	"	50.0		90.5	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	84-121			
Surrogate: Toluene-d8	64		"	62.5		102	85-115			
Surrogate: 4-Bromofluorobenzene	63		"	62.5		100	84-114			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1307 - EPA 5030B (Water)**

**LCS (B8B1307-BS2)**

Prepared: 02/13/2018 Analyzed: 02/13/2018

Benzene	51.2	1.00	ug/L	50.0		102	73.3-129			
Toluene	49.8	1.00	"	50.0		99.5	76.2-123			
Ethylbenzene	51.3	1.00	"	50.0		103	73.6-130			
m,p-Xylene	102	2.00	"	100		102	76.1-126			
o-Xylene	51.0	1.00	"	50.0		102	76.6-124			
Surrogate: 1,2-Dichloroethane-d4	62		"	62.5		99.8	84-121			
Surrogate: Toluene-d8	63		"	62.5		101	85-115			
Surrogate: 4-Bromofluorobenzene	61		"	62.5		98.2	84-114			

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 Denver CO 80211

Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1307 - EPA 5030B (Water)**

<b>Matrix Spike (B8B1307-MS1)</b>	<b>Source: Y802155-05</b>			<b>Prepared: 02/13/2018 Analyzed: 02/13/2018</b>						
Benzene	52.5	1.00	ug/L	50.0	ND	105	74-130			
Toluene	51.8	1.00	"	50.0	ND	104	73-131			
Ethylbenzene	49.5	1.00	"	50.0	ND	99.0	76-132			
m,p-Xylene	96.9	2.00	"	100	ND	96.9	69-139			
o-Xylene	46.4	1.00	"	50.0	ND	92.8	74-131			
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		101	84-121			
Surrogate: Toluene-d8	65		"	62.5		104	85-115			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.2	84-114			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1307 - EPA 5030B (Water)**

<b>Matrix Spike (B8B1307-MS2)</b>	<b>Source: Y802155-11</b>			<b>Prepared: 02/13/2018 Analyzed: 02/13/2018</b>						
Benzene	49.4	1.00	ug/L	50.0	ND	98.9	74-130			
Toluene	49.2	1.00	"	50.0	ND	98.4	73-131			
Ethylbenzene	47.4	1.00	"	50.0	0.200	94.4	76-132			
m,p-Xylene	105	2.00	"	100	5.84	99.6	69-139			
o-Xylene	45.3	1.00	"	50.0	ND	90.6	74-131			
Surrogate: 1,2-Dichloroethane-d4	54		"	62.5		86.0	84-121			
Surrogate: Toluene-d8	65		"	62.5		104	85-115			
Surrogate: 4-Bromofluorobenzene	64		"	62.5		102	84-114			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1307 - EPA 5030B (Water)**

<b>Matrix Spike Dup (B8B1307-MSD1)</b>	<b>Source: Y802155-05</b>			<b>Prepared: 02/13/2018 Analyzed: 02/13/2018</b>						
Benzene	50.2	1.00	ug/L	50.0	ND	100	74-130	4.40	20	
Toluene	49.1	1.00	"	50.0	ND	98.2	73-131	5.41	20	
Ethylbenzene	46.6	1.00	"	50.0	ND	93.3	76-132	5.97	20	
m,p-Xylene	90.8	2.00	"	100	ND	90.8	69-139	6.48	20	
o-Xylene	44.6	1.00	"	50.0	ND	89.3	74-131	3.87	20	
Surrogate: 1,2-Dichloroethane-d4	63		"	62.5		100	84-121			
Surrogate: Toluene-d8	65		"	62.5		103	85-115			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		99.7	84-114			

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Bob Cornez  
 Project Number: [none]  
 Project: KMG - Sekich Farms 16-18

**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 B8B1307 - EPA 5030B (Water)**

Matrix Spike Dup (B8B1307-MSD2)	Source: Y802155-11			Prepared: 02/13/2018 Analyzed: 02/13/2018						
Benzene	50.3	1.00	ug/L	50.0	ND	101	74-130	1.76	20	
Toluene	49.6	1.00	"	50.0	ND	99.2	73-131	0.769	20	
Ethylbenzene	46.8	1.00	"	50.0	0.200	93.2	76-132	1.27	20	
m,p-Xylene	102	2.00	"	100	5.84	96.4	69-139	3.09	20	
o-Xylene	44.4	1.00	"	50.0	ND	88.7	74-131	2.14	20	
Surrogate: 1,2-Dichloroethane-d4	62		"	62.5		98.8	84-121			
Surrogate: Toluene-d8	65		"	62.5		104	85-115			
Surrogate: 4-Bromofluorobenzene	62		"	62.5		98.4	84-114			

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Tasman Geosciences  
6899 Pecos Street, Unit C  
Denver CO 80211

Bob Cornez  
Project Number: [none]  
Project: KMG - Sekich Farms 16-18

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### Notes and Definitions

U Sample is Non-Detect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported at a wet weight basis.

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Jen Pellegrini For Noelle Doyle Mathis, President