

Appendix B

Soil Matrix Laboratory Report

Date of Report: 09/12/2017

Matt Pendleton

Rincon Consultants

180 North Ashwood Avenue
Ventura, CA 93003

Client Project: 16-03318 OCTA

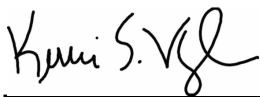
BCL Project: Soil Samples

BCL Work Order: 1724616

Invoice ID: B278851

Enclosed are the results of analyses for samples received by the laboratory on 9/1/2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Kerrie Vaughan
Client Services



Stuart Buttram
Technical Director

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

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Chain of Custody Form

RUSH!

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Report To: **Lincoln Consultants**
 Client: **Lincoln Consultants**
 Attn: **Matt Penleton**
 Street Address: **250 E 1st Street**
 City, State, Zip: **Los Angeles 90012**
 Phone: **213-788-1842**
 Email Address: **m.penleton@lincolnconsultants.com**
 Work Order #: **17-24616**

Analysis Requested

metals (Cd, Pb, Cr, Ni, Cu, Fe, Mn, Zn, Al, Ag, As, Ba, Be, Bi, Br, B, C, Ca, Cl, Co, Cr, Cs, D, De, Di, Do, Dy, E, F, G, H, I, J, K, L, Li, Lu, Mg, Mo, N, Na, Nb, Nd, Ne, Ni, Np, O, Os, P, Pd, Pt, Rb, Re, Rh, Ru, S, Sb, Se, Si, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Xe, Y, Yb, Z, Zn, Zr)

Sample #	Description	Date Sampled	Time Sampled
-1	RB1-2	8/31/17	945
-2	RB1-5		950
-3	RB1-10		955
-4	RB2-2		840
-5	RB2-5		845
-6	RB2-10		850
-7	RB3-2		920
-8	RB3-5		925
-9	RB3-10		930
-10	RB4-2		1145
-11	RB4-5		1150
-12	RB4-10		1155
-13	RB5-2		1220
-14	RB5-5		1235

Sample Matrix

Soil ☒ Sludge ☐ Drinking Water ☐ Ground Water ☐ Waste Water ☐ Other ☐

Turnaround

of work days: ☐ Yes ☐ No

Notes

* Standard Turnaround = 10 work days

Comments

Standard TAT

Billing: ☒ Same as above

EDF Required? ☐ Yes ☐ No

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

Client: _____

Address: _____

City: _____ State: _____ Zip: _____

Attn: _____

PO#: _____

Global ID (Needed for EDF)

1. Relinquished By: _____ Date: 8/17/17 Time: 1055

2. Relinquished By: _____ Date: 8/17/17 Time: 415

3. Relinquished By: _____ Date: 9/1/17 Time: 445

System # (Needed for EDT)

1. Received By: _____ Date: 8/17/17 Time: 1055

2. Received By: _____ Date: 9/1/17 Time: 445

3. Received By: _____ Date: 9/1/17 Time: 1717

BC Laboratories, Inc. - 4100 Atlas Ct. - Bakersfield, CA 93308 - 661.327.4911 - Fax: 661.327.1948 - www.bclabs.com

9-1-17 1840 Garjot Law 9-17 1840



Laboratories, Inc.

Chain of Custody Form

Report To: **Client:** Vincon Consultants
Attn: Matt Pendleton
Street Address: 2503 1st Street
City, State, Zip: LA, 90012
Phone: 213-788-4842
Email Address: mpendleton@vinconconsultants.com
Work Order #: 17-24616

Project #: 16-03318
Project Name: ACTA
Sampler(s): b. binapoli
D. cheyne

Analysis Requested

Page 2 of 3

Comments: Standard TAT

Sample Matrix	Turnaround # of work days	Notes
Soil		
Sludge		
Drinking Water		
Ground Water		
Waste Water		
Other		

Are there any tests with holding times less than or equal to 48 hours?
☐ Yes ☐ No
* Standard Turnaround = 10 work days

Sample #	Description	Date Sampled	Time Sampled	Global ID (Needed for EDF)	EDF Required? Geotracker	Relinquished By	Date	Time	Received By	Date	Time
-15	RB5-10	8/31/17	1240		☐ Yes ☐ No	1. Relinquished By	9-1-17	10:55	Missy Poy	9-1-17	10:55
-16	RB6-2		1300		☐ Yes ☐ No	2. Relinquished By	9-1-17	4:15	Missy Poy	9-1-17	4:15
-17	RB6-5		1305		☐ Yes ☐ No	3. Relinquished By	9-1-17	4:15	Missy Poy	9-1-17	4:15
-18	RB6-10										
-19	RB7-2		1100		☐ Yes ☐ No						
-20	RB7-5		1105		☐ Yes ☐ No						
-21	RB7-10		1110		☐ Yes ☐ No						
-22	RB7-15		1115		☐ Yes ☐ No						
-23	RB8-1		1412		☐ Yes ☐ No						
-24	RB8-3		1415		☐ Yes ☐ No						
-25	RB9-1		1400		☐ Yes ☐ No						
-26	RB9-3		1406		☐ Yes ☐ No						
-27	RB10-2		1510		☐ Yes ☐ No						
-28	RB10-5		1515		☐ Yes ☐ No						

Billing ☒ Same as above

Client: _____
Address: _____
City: _____ State: _____ Zip: _____
Attn: _____
PO#: _____

Global ID (Needed for EDF)
1. Relinquished By: _____ Date: _____ Time: _____
2. Relinquished By: _____ Date: _____ Time: _____
3. Relinquished By: _____ Date: _____ Time: _____

EDF Required? Geotracker ☐ Yes ☐ No
Send Copy to State of CA? (EDT) ☐ Yes ☐ No

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7-1-17 1640 9-1-17 1840



Chain of Custody Form

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Environmental Testing Laboratory Since 1949

Chain of Custody and Cooler Receipt Form for 1724616 Page 4 of 7

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 1 Of 4							
Submission #: 17-24616											
SHIPPING INFORMATION Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☒ Other ☐ (Specify) _____		SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☒ W / (S)							
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____											
Custody Seals: Ice Chest ☐ Containers ☐ Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐ None ☒ Comments: _____											
All samples received? Yes ☒ No ☐		All samples containers intact? Yes ☒ No ☐		Description(s) match COC? Yes ☐ No ☒							
COC Received ☒ YES ☐ NO		Emissivity: 0.95 Container: VOAS Thermometer ID: 208		Date/Time 9/11/17 1840							
		Temperature: (A) 8.5 °C / (C) 0.4 °C		Analyst Init RNR							
SAMPLE CONTAINERS		SAMPLE NUMBERS									
		1	2	3	4	5	6	7	8	9	10
QT PE UNPRES											
4oz / 8oz / 16oz PE UNPRES											
2oz Cr ⁶											
QT INORGANIC CHEMICAL METALS											
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz											
PT CYANIDE											
PT NITROGEN FORMS											
PT TOTAL SULFIDE											
2oz NITRATE / NITRITE											
PT TOTAL ORGANIC CARBON											
PT CHEMICAL OXYGEN DEMAND											
PA PHENOLICS											
40ml VOA VIAL TRAVEL BLANK											
40ml VOA VIAL											
QT EPA 1664											
PT ODOR											
RADIOLOGICAL											
BACTERIOLOGICAL											
40 ml VOA VIAL- 504											
QT EPA 508/608/8080											
QT EPA 515.1/8150											
QT EPA 525											
QT EPA 525 TRAVEL BLANK											
10ml EPA 547											
10ml EPA 531.1											
1oz EPA 548											
1T EPA 549											
1T EPA 8015M											
1T EPA 8270											
oz / 16oz / 32oz AMBER											
oz / 16oz / 32oz JAR											
OIL SLEEVE XOL		E	E	E	E	E	E	E	E	E	E
CB VIAL											
ASTIC BAG											
EDLAR BAG											
ERROUS IRON											
CORE											
IART KIT		ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD	ABCD
MMA CANISTER											
Comments: Description doesn't match for 15											
Sample Numbering Completed By: [Signature] Date/Time: 9/11/17 2005											
Actual / C = Corrected											

Rev 21 05/23/2016



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Chain of Custody and Cooler Receipt Form for 1724616 Page 5 of 7

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 2 Of 4	
Submission #: 17-24616					
SHIPPING INFORMATION Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☒ Other ☐ (Specify) _____		SHIPPING CONTAINER Ice Chest ☒ None ☐ Box ☐ Other ☐ (Specify) _____		FREE LIQUID YES ☐ NO ☐ W / (S)	
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____					
Custody Seals: Ice Chest ☐ Containers ☐ Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐ None ☒ Comments: _____					
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒					
COC Received ☒ YES ☐ NO		Emissivity: 0.95 Container: VIMS Thermometer ID: 208		Date/Time 9/11/17 1840	
Temperature: (A) 8.5 °C / (C) 0.4 °C				Analyst Init RNR	
SAMPLE CONTAINERS		SAMPLE NUMBERS			
		1 2 3 4 5 6 7 8 9 10			
QT PE UNPRES					
4oz / 8oz / 16oz PE UNPRES					
2oz Cr ⁶					
QT INORGANIC CHEMICAL METALS					
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz					
PT CYANIDE					
PT NITROGEN FORMS					
PT TOTAL SULFIDE					
2oz NITRATE / NITRITE					
PT TOTAL ORGANIC CARBON					
PT CHEMICAL OXYGEN DEMAND					
PIA PHENOLICS					
40ml VOA VIAL TRAVEL BLANK					
40ml VOA VIAL					
QT EPA 1664					
PT ODOR					
RADIOLOGICAL					
BACTERIOLOGICAL					
40 ml VOA VIAL- 504					
QT EPA 508/608/8080					
QT EPA 515.1/8150					
QT EPA 525					
QT EPA 525 TRAVEL BLANK					
10ml EPA 547					
10ml EPA 531.1					
oz EPA 548					
YT EPA 549					
YT EPA 8015M					
YT EPA 8270					
oz / 16oz / 32oz AMBER					
oz / 16oz / 32oz JAR					
OIL SLEEVE 14, 15		E E E E E E E E E			
CB VIAL					
LASTIC BAG					
EDLAR BAG					
ERROUS IRON					
VCORE					
ART KIT 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100		ABCD ABCD ABCD ABCD ABCD ABCD ABCD			
MMA CANISTER					
Comments: description doesn't match for 15.					
Sample Numbering Completed By: [Signature]		Date/Time: 9/11/17		2005	
: Actual / C = Corrected					

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Chain of Custody and Cooler Receipt Form for 1724616 Page 6 of 7

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 3 of 4	
Submission #: 17-24616					
SHIPPING INFORMATION		SHIPPING CONTAINER		FREE LIQUID	
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐		Ice Chest ☒ None ☐ Box ☐		YES ☐ NO ☐	
BC Lab Field Service ☒ Other ☐ (Specify) _____		Other ☐ (Specify) _____		W ☐ S ☒	
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____					
Custody Seals: Ice Chest ☐ Containers ☐ None ☒ Comments: _____					
Intact? Yes ☐ No ☐ Intact? Yes ☐ No ☐					
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☒					
COC Received		Emissivity: 0.95		Container: 208	
☒ YES ☐ NO		Temperature: (A) 0.5 °C / (C) 0.7 °C		Thermometer ID: 208	
				Date/Time: 9/11/17 1840	
				Analyst Init: RNR	
SAMPLE CONTAINERS		SAMPLE NUMBERS			
		14 15 16 17 18 19 20 21 22			
PT PE UNPRES					
16oz / 8oz / 16oz PE UNPRES					
16oz Cr ⁶					
PT INORGANIC CHEMICAL METALS					
NORGANIC CHEMICAL METALS 4oz / 8oz / 16oz					
PT CYANIDE					
PT NITROGEN FORMS					
PT TOTAL SULFIDE					
16oz NITRATE / NITRITE					
PT TOTAL ORGANIC CARBON					
PT CHEMICAL OXYGEN DEMAND					
PTA PHENOLICS					
40ml VOA VIAL TRAVEL BLANK					
40ml VOA VIAL					
QT EPA 1664					
PT ODOR					
RADIOLOGICAL					
BACTERIOLOGICAL					
40 ml VOA VIAL- 504					
QT EPA 508/608/8080					
QT EPA 515.1/8150					
QT EPA 525					
QT EPA 525 TRAVEL BLANK					
40ml EPA 547					
40ml EPA 531.1					
8oz EPA 548					
QT EPA 549					
QT EPA 8015M					
QT EPA 8270					
8oz / 16oz / 32oz AMBER					
8oz / 16oz / 32oz JAR					
SOIL SLEEVE		E E A A A G G E			
PCB VIAL					
PLASTIC BAG					
TEDLAR BAG					
FERROUS IRON					
ENCORE					
SMART KIT 14,15		ABCD ABCD ABCD ABCD AT ABCD ABCD ABCD			
SUMMA CANISTER					
Comments: TIMES DON'T MATCH FOR 26.					
Sample Numbering Completed By: RNR		Date/Time: 9/11/17		2005	
Rev 21 05/23/2016					
IS:\WPDoc\Word\PerfectLAB_DOC\FORMS\ISAMRECrev 201					

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Chain of Custody and Cooler Receipt Form for 1724616 Page 7 of 7

BC LABORATORIES INC.		COOLER RECEIPT FORM		Page 4 Of 4	
Submission #: 17-24616					
SHIPPING INFORMATION			SHIPPING CONTAINER		FREE LIQUID
Fed Ex ☐	UPS ☐	Ontrac ☐ Hand Delivery ☐	Ice Chest ☒	None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☒ Other ☐ (Specify) _____			Other ☐ (Specify) _____		W / S ☒
Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments: _____					
Custody Seals: Ice Chest ☐ Containers ☐ None ☒ Comments: _____					
All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐					
COC Received ☒ YES ☐ NO		Emissivity: 0.98 Container: GLASS Thermometer ID: 208		Date/Time 9/11/17 1840	
		Temperature: (A) 0.5 °C / (C) 0.7 °C		Analyst Init. RNR	
SAMPLE CONTAINERS		SAMPLE NUMBERS			
		10			
QT PE UNPRES		19			
4oz / 8oz / 16oz PE UNPRES		20			
2oz Cr ⁶		21			
QT INORGANIC CHEMICAL METALS		32			
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz		23			
PT CYANIDE		24			
PT NITROGEN FORMS		25			
PT TOTAL SULFIDE		26			
2oz. NITRATE / NITRITE		27			
PT TOTAL ORGANIC CARBON		28			
PT CHEMICAL OXYGEN DEMAND		29			
PIA PHENOLICS		30			
40ml VOA VIAL TRAVEL BLANK		31			
40ml VOA VIAL		32			
QT EPA 1664		33			
PT ODOR		34			
RADIOLOGICAL		35			
BACTERIOLOGICAL		36			
40 ml VOA VIAL- 504		37			
QT EPA 508/608/8080		38			
QT EPA 515.1/8150		39			
QT EPA 525		40			
QT EPA 525 TRAVEL BLANK		41			
40ml EPA 547		42			
40ml EPA 531.1		43			
8oz EPA 548		44			
QT EPA 549		45			
QT EPA 8015M		46			
QT EPA 8270		47			
8oz / 16oz / 32oz AMBER		48			
8oz / 16oz / 32oz JAR		49			
SOIL SLEEVE		50			
PCB VIAL		51			
PLASTIC BAG		52			
TEDLAR BAG		53			
FERROUS IRON		54			
ENCORE		55			
SMART KIT		56			
SUMMA CANISTER		57			
Comments: _____					
Sample Numbering Completed By: _____ Date/Time: 9/11/17 2005					
Rev 21 05/23/2016					
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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1724616-01	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 09:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB1-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-02	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 09:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB1-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-03	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 09:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB1-10	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-04	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 08:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB2-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-05	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 08:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB2-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-06	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 08:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB2-10	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-07	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 09:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB3-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1724616-08	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 09:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB3-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-09	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 09:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB3-10	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-10	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 11:45
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB4-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-11	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 11:50
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB4-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-12	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 11:55
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB4-10	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-13	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 12:20
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB5-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-14	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 12:35
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB5-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil

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Rincon Consultants
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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1724616-15	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 12:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB5-10	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-16	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 13:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB6-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-17	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 13:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB6-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-18	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 11:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB7-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-19	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 11:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB7-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-20	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 11:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB7-10	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-21	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 11:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB7-15	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1724616-22	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 14:12
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB8-1	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-23	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 14:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB8-3	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-24	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 14:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB9-1	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-25	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 14:05
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB9-3	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-26	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 15:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB10-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-27	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 15:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB10-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-28	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 15:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB11-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1724616-29	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 15:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB11-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-30	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 15:40
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB12-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-31	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 14:25
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB13-2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-32	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 14:30
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB13-5	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-33	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 14:32
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	RB13-10	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-34	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 13:00
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SP1	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil
1724616-35	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 13:10
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SP2	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1724616-36	COC Number:	---	Receive Date:	09/01/2017 18:40
	Project Number:	---	Sampling Date:	08/31/2017 13:15
	Sampling Location:	---	Sample Depth:	---
	Sampling Point:	SP3	Lab Matrix:	Solids
	Sampled By:	D.Dinapoli/D.Cheyne	Sample Type:	Soil

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-01	Client Sample Name:	RB1-2, 8/31/2017 9:45:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	0.026	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	0.019	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	0.044	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	61.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 11:53	HKS	GC-15	1.017	B[10756

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-01		Client Sample Name: RB1-2, 8/31/2017 9:45:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0038	0.00070	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0038	0.00064	EPA-8260B			1
Bromoform	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0038	0.00048	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0038	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0038	0.00076	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0038	0.0013	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0038	0.00076	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0038	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0038	0.00062	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0038	0.00065	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0038	0.00062	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-01		Client Sample Name: RB1-2, 8/31/2017 9:45:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0038	0.0013	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0076	0.0018	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0038	0.00038	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Styrene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
Tetrachloroethene	0.0017	mg/kg	0.0038	0.00099	EPA-8260B		J	1
Toluene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0038	0.0016	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0038	0.0015	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0038	0.00059	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0038	0.00084	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0076	0.0026	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0038	0.0017	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	115	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-01		Client Sample Name: RB1-2, 8/31/2017 9:45:00AM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 01:28	ADC	MS-V3	0.765	B[10228

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-01	Client Sample Name:	RB1-2, 8/31/2017 9:45:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	12	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	65.7	%	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	09/08/17	09/09/17 15:23	AS1	GC-13	0.987	B[10772

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-02	Client Sample Name:	RB1-5, 8/31/2017 9:50:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	51.7	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 12:04	HKS	GC-15	1.007	B[10756

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-02		Client Sample Name: RB1-5, 8/31/2017 9:50:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0034	0.00063	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0034	0.00058	EPA-8260B			1
Bromoform	ND	mg/kg	0.0034	0.0010	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0034	0.0011	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0034	0.0010	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0034	0.00082	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0034	0.00082	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0034	0.00075	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0034	0.00096	EPA-8260B			1
Chloroform	ND	mg/kg	0.0034	0.00043	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0034	0.00096	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0034	0.0012	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0034	0.00096	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0034	0.00068	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0034	0.0012	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0034	0.00068	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0034	0.0012	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0034	0.00055	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0034	0.00096	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0034	0.0010	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0034	0.00096	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0034	0.00058	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0034	0.00082	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0034	0.00096	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0034	0.00055	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0034	0.00075	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0034	0.00082	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-02		Client Sample Name: RB1-5, 8/31/2017 9:50:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0034	0.00075	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0034	0.00082	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0034	0.0010	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0034	0.0012	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0068	0.0016	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0034	0.00034	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0034	0.00096	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
Styrene	ND	mg/kg	0.0034	0.00096	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0034	0.00075	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0034	0.00075	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
Toluene	ND	mg/kg	0.0034	0.00082	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0034	0.0014	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0034	0.0014	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0034	0.00075	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0034	0.00053	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0034	0.00075	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0034	0.00075	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0034	0.0011	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0034	0.00089	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0034	0.0010	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0034	0.0011	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0068	0.0023	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0034	0.0015	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0034	0.00082	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	117	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	104	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-02		Client Sample Name: RB1-5, 8/31/2017 9:50:00AM, D.Dinapoli/D.Cheyne						
Run		QC						
Run #	Method	Prep Date	Date/Time	Analyst	Instrument	Dilution	Batch ID	
1	EPA-8260B	09/05/17	09/06/17 01:51	ADC	MS-V3	0.685	B[10228	

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-02	Client Sample Name:	RB1-5, 8/31/2017 9:50:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	20	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	64.1	%	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	09/08/17	09/09/17 12:41	AS1	GC-13	0.984	B[10772

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-03	Client Sample Name:	RB1-10, 8/31/2017 9:55:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	40.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 12:14	HKS	GC-15	0.993	B[10756

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-03		Client Sample Name: RB1-10, 8/31/2017 9:55:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0039	0.00072	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0039	0.00066	EPA-8260B			1
Bromoform	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0039	0.00049	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0039	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0039	0.00078	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0039	0.00078	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0039	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0039	0.00063	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0039	0.00067	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0039	0.00063	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-03		Client Sample Name: RB1-10, 8/31/2017 9:55:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0078	0.0019	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0039	0.00039	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Styrene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Toluene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0039	0.0016	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0039	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0039	0.00060	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0039	0.00086	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0078	0.0027	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0039	0.0017	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	119	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.0	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	102	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-03		Client Sample Name: RB1-10, 8/31/2017 9:55:00AM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 02:14	ADC	MS-V3	0.784	B[10228

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-03	Client Sample Name:	RB1-10, 8/31/2017 9:55:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	19	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	75.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	09/08/17	09/09/17 14:37	AS1	GC-13	0.984	B[10772

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-04	Client Sample Name:	RB2-2, 8/31/2017 8:40:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	43.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 12:25	HKS	GC-15	0.987	B[10756

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-04	Client Sample Name:	RB2-2, 8/31/2017 8:40:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	100	25	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	50	6.0	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	720	mg/kg	100	32	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	65.1	%	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	09/08/17	09/09/17 21:32	AS1	GC-13	5.085	B[10772

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-05	Client Sample Name:	RB2-5, 8/31/2017 8:45:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	45.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 12:35	HKS	GC-15	0.990	B[10756

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-05	Client Sample Name:	RB2-5, 8/31/2017 8:45:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	200	50	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	100	12	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	2000	mg/kg	200	65	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	54.6	%	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	09/08/17	09/09/17 20:00	AS1	GC-13	10.169	B[10772

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-06	Client Sample Name:	RB2-10, 8/31/2017 8:50:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	45.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 12:46	HKS	GC-15	1	B[10756

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-06	Client Sample Name:	RB2-10, 8/31/2017 8:50:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	11	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	75.7	%	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	09/08/17	09/09/17 15:00	AS1	GC-13	0.990	B[10772

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-07	Client Sample Name:	RB3-2, 8/31/2017 9:20:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	58.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 13:28	HKS	GC-15	1.003	B[10756

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-07	Client Sample Name:	RB3-2, 8/31/2017 9:20:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	17	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	78.7	%	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	09/08/17	09/09/17 12:18	AS1	GC-13	0.984	B[10772

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-08	Client Sample Name:	RB3-5, 8/31/2017 9:25:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	50.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 13:39	HKS	GC-15	0.984	B[10756

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-08	Client Sample Name:	RB3-5, 8/31/2017 9:25:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	68.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	09/08/17	09/09/17 13:04	AS1	GC-13	1.017	B[10772

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-09	Client Sample Name:	RB3-10, 8/31/2017 9:30:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	38.3	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 13:50	HKS	GC-15	1.014	B[10756

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-09	Client Sample Name:	RB3-10, 8/31/2017 9:30:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	15	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	69.6	%	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	09/08/17	09/09/17 13:27	AS1	GC-13	1.017	B[10772

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-10		Client Sample Name: RB4-2, 8/31/2017 11:45:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0041	0.00075	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0041	0.00068	EPA-8260B			1
Bromoform	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0041	0.00051	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0041	0.0015	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0041	0.00080	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0041	0.0014	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0041	0.00081	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0041	0.0015	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0041	0.00066	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0041	0.00069	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0041	0.00066	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-10		Client Sample Name: RB4-2, 8/31/2017 11:45:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0041	0.0014	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0081	0.0019	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0041	0.00041	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Styrene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Toluene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0041	0.0017	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0041	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0041	0.00062	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0041	0.00089	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0081	0.0028	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0041	0.0018	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.8	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-10		Client Sample Name: RB4-2, 8/31/2017 11:45:00AM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 02:37	ADC	MS-V3	0.812	B[10228

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-10	Client Sample Name:	RB4-2, 8/31/2017 11:45:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	70	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	75.7	%	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	09/08/17	09/09/17 17:42	AS1	GC-13	1.007	B[10772

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-10		Client Sample Name: RB4-2, 8/31/2017 11:45:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC 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	97	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.24	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.30	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	12	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.6	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	7.2	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	8.6	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.024	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.82	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	7.8	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	1.9	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	21	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	36	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	09/07/17	09/08/17 10:22	JCC	PE-OP3	1	B[I0505
2	EPA-7471A	09/06/17	09/07/17 12:35	MEV	CETAC2	1.025	B[I0353

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-13		Client Sample Name: RB5-2, 8/31/2017 12:20:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0044	0.00082	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0044	0.00075	EPA-8260B			1
Bromoform	ND	mg/kg	0.0044	0.0013	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0044	0.0014	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0044	0.0013	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0044	0.0011	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0044	0.0011	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0044	0.00098	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
Chloroform	ND	mg/kg	0.0044	0.00056	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0044	0.0016	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0044	0.00088	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0044	0.0015	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0044	0.00089	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0044	0.0016	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0044	0.00072	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0044	0.0013	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0044	0.00075	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0044	0.0011	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0044	0.00072	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0044	0.00098	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0044	0.0011	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-13		Client Sample Name: RB5-2, 8/31/2017 12:20:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0044	0.00098	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0044	0.0011	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0044	0.0013	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0044	0.0015	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0089	0.0021	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0044	0.00044	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
Styrene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0044	0.00098	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0044	0.00098	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
Toluene	ND	mg/kg	0.0044	0.0011	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0044	0.0019	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0044	0.0018	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0044	0.00098	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0044	0.00068	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0044	0.00098	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0044	0.00098	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0044	0.0014	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0044	0.0012	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0044	0.0013	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0044	0.0014	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0089	0.0030	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0044	0.0020	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0044	0.0011	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.2	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.0	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-13		Client Sample Name: RB5-2, 8/31/2017 12:20:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 03:00	ADC	MS-V3	0.888	B[10228

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-13	Client Sample Name:	RB5-2, 8/31/2017 12:20:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	40	10	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	20	2.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	250	mg/kg	40	13	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	65.6	%	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	09/08/17	09/09/17 20:23	AS1	GC-13	2.020	B[10772

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Rincon Consultants
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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-13		Client Sample Name: RB5-2, 8/31/2017 12:20:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	70	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	0.25	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	13	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.8	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	9.5	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	11	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.019	EPA-7471A	20		2
Molybdenum	0.51	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	9.1	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	2.3	mg/kg	1.0	0.98	EPA-6010B	100		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	500		1
Thallium	0.78	mg/kg	5.0	0.64	EPA-6010B	700	J	1
Vanadium	26	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	36	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	09/07/17	09/08/17 10:50	JCC	PE-OP3	0.971	B[I0505
2	EPA-7471A	09/06/17	09/07/17 12:45	MEV	CETAC2	1.008	B[I0353

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-16		Client Sample Name: RB6-2, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC 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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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-16		Client Sample Name: RB6-2, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne						
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
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	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)	114	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.7	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-16		Client Sample Name: RB6-2, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 03:23	ADC	MS-V3	0.958	B[10228

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-16	Client Sample Name:	RB6-2, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	77	19	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	39	4.6	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	880	mg/kg	77	25	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	65.1	%	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	09/08/17	09/09/17 20:46	AS1	GC-13	3.871	B[10772

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-16		Client Sample Name: RB6-2, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.4	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	60	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	0.25	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	17	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	4.3	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	13	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	18	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.028	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.94	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	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	27	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	45	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	09/07/17	09/08/17 10:52	JCC	PE-OP3	0.971	B[I0505
2	EPA-7471A	09/06/17	09/07/17 12:47	MEV	CETAC2	0.977	B[I0353

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-18		Client Sample Name: RB7-2, 8/31/2017 11:00:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Benzene	0.0020	mg/kg	0.0050	0.0013	EPA-8260B		J	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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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-18		Client Sample Name: RB7-2, 8/31/2017 11:00:00AM, D.Dinapoli/D.Cheyne						
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
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	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	0.0013	mg/kg	0.0050	0.0012	EPA-8260B		J	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)	106	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.7	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	104	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-18		Client Sample Name: RB7-2, 8/31/2017 11:00:00AM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 03:46	ADC	MS-V3	0.996	B[10228

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-18	Client Sample Name:	RB7-2, 8/31/2017 11:00:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	27	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	78.4	%	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	09/08/17	09/09/17 15:46	AS1	GC-13	0.993	B[10772

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-18		Client Sample Name: RB7-2, 8/31/2017 11:00:00AM, D.Dinapoli/D.Cheyne						
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	76	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.34	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.35	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	16	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	5.4	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	12	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	7.3	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.042	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	1.0	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	12	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	1.2	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	32	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	45	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	09/07/17	09/08/17 10:53	JCC	PE-OP3	1	B[I0505
2	EPA-7471A	09/06/17	09/07/17 12:49	MEV	CETAC2	0.962	B[I0353

Rincon Consultants
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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-19		Client Sample Name: RB7-5, 8/31/2017 11:05:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Benzene	0.0016	mg/kg	0.0040	0.0010	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0040	0.00073	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0040	0.00067	EPA-8260B			1
Bromoform	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0040	0.0013	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0040	0.00095	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0040	0.00095	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0040	0.00087	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0040	0.00050	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0040	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0040	0.00078	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0040	0.0013	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0040	0.00079	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0040	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0040	0.00064	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0040	0.00067	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0040	0.00095	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0040	0.00064	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0040	0.00087	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0040	0.00095	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-19		Client Sample Name: RB7-5, 8/31/2017 11:05:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	0.00087	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	0.00095	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0040	0.0013	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0079	0.0019	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0040	0.00040	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Styrene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	0.00087	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	0.00087	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Toluene	ND	mg/kg	0.0040	0.00095	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	0.0017	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0040	0.00087	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0040	0.00061	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0040	0.00087	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0040	0.00087	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0040	0.0013	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0040	0.0013	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0079	0.0027	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0040	0.0017	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0040	0.00095	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	109	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-19		Client Sample Name: RB7-5, 8/31/2017 11:05:00AM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 04:09	ADC	MS-V3	0.792	B[10228

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-19	Client Sample Name:	RB7-5, 8/31/2017 11:05:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	40	10	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	20	2.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	520	mg/kg	40	13	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	71.3	%	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	09/08/17	09/09/17 17:18	AS1	GC-13	2.020	B[10772

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-19		Client Sample Name: RB7-5, 8/31/2017 11:05:00AM, D.Dinapoli/D.Cheyne						
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	79	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.38	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.69	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	16	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	5.6	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	33	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	61	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.083	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.48	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	14	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	500		1
Thallium	0.68	mg/kg	5.0	0.64	EPA-6010B	700	J	1
Vanadium	28	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	340	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	09/07/17	09/08/17 10:54	JCC	PE-OP3	0.909	B[I0505
2	EPA-7471A	09/06/17	09/07/17 12:56	MEV	CETAC2	1.008	B[I0353
3	EPA-6010B	09/07/17	09/08/17 12:16	JCC	PE-OP3	1.818	B[I0505

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-20		Client Sample Name: RB7-10, 8/31/2017 11:10:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	0.0016	mg/kg	0.0050	0.0013	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
Bromochloromethane	ND	mg/kg	0.0050	0.00092	EPA-8260B			2
Bromodichloromethane	ND	mg/kg	0.0050	0.00084	EPA-8260B			2
Bromoform	ND	mg/kg	0.0050	0.0015	EPA-8260B			2
Bromomethane	ND	mg/kg	0.0050	0.0016	EPA-8260B			2
n-Butylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			2
sec-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			2
tert-Butylbenzene	ND	mg/kg	0.0050	0.0012	EPA-8260B			2
Carbon tetrachloride	ND	mg/kg	0.0050	0.0011	EPA-8260B			2
Chlorobenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
Chloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			2
Chloroform	ND	mg/kg	0.0050	0.00063	EPA-8260B			2
Chloromethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			2
2-Chlorotoluene	ND	mg/kg	0.0050	0.0018	EPA-8260B			2
4-Chlorotoluene	ND	mg/kg	0.0050	0.0014	EPA-8260B			2
Dibromochloromethane	ND	mg/kg	0.0050	0.00099	EPA-8260B			2
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.0017	EPA-8260B			2
1,2-Dibromoethane	ND	mg/kg	0.0050	0.0010	EPA-8260B			2
Dibromomethane	ND	mg/kg	0.0050	0.0018	EPA-8260B			2
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00081	EPA-8260B			2
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B			2
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			2
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
1,1-Dichloroethane	ND	mg/kg	0.0050	0.0014	EPA-8260B			2
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00085	EPA-8260B			2
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0012	EPA-8260B			2
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0014	EPA-8260B			2
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00081	EPA-8260B			2
1,3-Dichloropropane	ND	mg/kg	0.0050	0.0011	EPA-8260B			2
2,2-Dichloropropane	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
1,1-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			2

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-20		Client Sample Name: RB7-10, 8/31/2017 11:10:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0011	EPA-8260B			2
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.0012	EPA-8260B			2
Ethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			2
Hexachlorobutadiene	ND	mg/kg	0.0050	0.0017	EPA-8260B			2
Isopropylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
p-Isopropyltoluene	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
Methylene chloride	ND	mg/kg	0.010	0.0024	EPA-8260B			2
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	EPA-8260B			2
Naphthalene	ND	mg/kg	0.0050	0.0014	EPA-8260B			2
n-Propylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
Styrene	ND	mg/kg	0.0050	0.0014	EPA-8260B			2
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			2
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			2
Tetrachloroethene	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
Toluene	ND	mg/kg	0.0050	0.0012	EPA-8260B			2
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0021	EPA-8260B			2
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0020	EPA-8260B			2
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			2
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00077	EPA-8260B			2
Trichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	2040		2
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B			2
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0016	EPA-8260B			2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.0013	EPA-8260B			2
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B			2
Vinyl chloride	ND	mg/kg	0.0050	0.0016	EPA-8260B			2
Total Xylenes	ND	mg/kg	0.010	0.0034	EPA-8260B			2
p- & m-Xylenes	ND	mg/kg	0.0050	0.0022	EPA-8260B			2
o-Xylene	ND	mg/kg	0.0050	0.0012	EPA-8260B			2
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	93.6	%	74 - 121 (LCL - UCL)		EPA-8260B			2

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-20		Client Sample Name: RB7-10, 8/31/2017 11:10:00AM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 14:31	ADC	MS-V3	0.938	B[10228
2	EPA-8260B	09/05/17	09/06/17 14:08	ADC	MS-V3	0.938	B[10228

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-20	Client Sample Name:	RB7-10, 8/31/2017 11:10:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	9.7	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	75.3	%	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	09/08/17	09/09/17 13:50	AS1	GC-13	1.003	B[10772

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-20		Client Sample Name: RB7-10, 8/31/2017 11:10:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.3	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	91	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.45	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.33	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	19	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.4	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	15	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	5.0	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.052	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	1.6	mg/kg	2.5	0.050	EPA-6010B	3500	J	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	ND	mg/kg	0.50	0.067	EPA-6010B	500		1
Thallium	1.5	mg/kg	5.0	0.64	EPA-6010B	700	J	1
Vanadium	40	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	47	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	09/07/17	09/08/17 11:01	JCC	PE-OP3	0.943	B[I0505
2	EPA-7471A	09/06/17	09/07/17 12:58	MEV	CETAC2	1.008	B[I0353

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-21		Client Sample Name: RB7-15, 8/31/2017 11:15:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0038	0.00071	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0038	0.00065	EPA-8260B			1
Bromoform	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0038	0.00048	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0038	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0038	0.00076	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0038	0.0013	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0038	0.00077	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0038	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0038	0.00062	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0038	0.00065	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0038	0.00062	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-21		Client Sample Name: RB7-15, 8/31/2017 11:15:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0038	0.0013	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0077	0.0018	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0038	0.00038	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
Styrene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
Toluene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0038	0.0016	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0038	0.0015	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0038	0.00059	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0038	0.00084	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0038	0.00084	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0038	0.0010	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0077	0.0026	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0038	0.0017	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0038	0.00092	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	114	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.4	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	107	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-21		Client Sample Name: RB7-15, 8/31/2017 11:15:00AM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 04:33	ADC	MS-V3	0.768	B[10228

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-21	Client Sample Name:	RB7-15, 8/31/2017 11:15:00AM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	2.9	mg/kg	10	1.2	EPA-8015B/FFP	ND	J,A52	1
TPH - Motor Oil	11	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	75.1	%	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	09/08/17	09/09/17 14:14	AS1	GC-13	0.987	B[10772

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-21		Client Sample Name: RB7-15, 8/31/2017 11:15:00AM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	1.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	49	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.22	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.39	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	12	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.5	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	7.6	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	0.029	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	1.6	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	10	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	1.5	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	25	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	09/07/17	09/08/17 11:03	JCC	PE-OP3	0.917	B[I0505
2	EPA-7471A	09/06/17	09/07/17 13:00	MEV	CETAC2	0.962	B[I0353

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 1724616-22		Client Sample Name: RB8-1, 8/31/2017 2:12:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0058	EPA-8151A	100		1
2,4-DB	ND	mg/kg	0.040	0.017	EPA-8151A			1
Dalapon	ND	mg/kg	0.050	0.034	EPA-8151A			1
Dicamba	ND	mg/kg	0.0020	0.0016	EPA-8151A			1
Dichloroprop	ND	mg/kg	0.020	0.0055	EPA-8151A			1
Dinoseb	ND	mg/kg	0.0070	0.0024	EPA-8151A			1
2,4,5-T	ND	mg/kg	0.0030	0.0013	EPA-8151A			1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.0012	EPA-8151A	10		1
2,4-Dichlorophenylacetic acid (Surrogate)	43.3	%	40 - 120 (LCL - UCL)		EPA-8151A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8151A	09/08/17	09/11/17 13:11	MSB	GC-8	0.990	B I0725

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-22	Client Sample Name:	RB8-1, 8/31/2017 2:12:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	72	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	695	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP		A19	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	09/08/17	09/11/17 10:29	AS1	GC-13	0.993	B[10772

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-22		Client Sample Name: RB8-1, 8/31/2017 2:12:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	5.8	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	1100	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	0.38	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	14	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.6	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	15	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	31	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.083	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.58	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	10	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	27	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	410	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	09/07/17	09/08/17 11:04	JCC	PE-OP3	0.980	B[I0505
2	EPA-7471A	09/06/17	09/07/17 13:02	MEV	CETAC2	1.025	B[I0353

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID:	1724616-23	Client Sample Name:	RB8-3, 8/31/2017 2:15:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
2,4-D	ND	mg/kg	0.058	0.017	EPA-8151A	100		1
2,4-DB	ND	mg/kg	0.12	0.049	EPA-8151A			1
Dalapon	ND	mg/kg	0.14	0.098	EPA-8151A			1
Dicamba	ND	mg/kg	0.0058	0.0046	EPA-8151A			1
Dichloroprop	ND	mg/kg	0.058	0.016	EPA-8151A			1
Dinoseb	ND	mg/kg	0.020	0.0069	EPA-8151A			1
2,4,5-T	ND	mg/kg	0.0087	0.0038	EPA-8151A			1
2,4,5-TP (Silvex)	ND	mg/kg	0.0087	0.0035	EPA-8151A	10		1
2,4-Dichlorophenylacetic acid (Surrogate)	52.0	%	40 - 120 (LCL - UCL)		EPA-8151A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8151A	09/08/17	09/11/17 13:32	MSB	GC-8	2.885	B I0725

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-23	Client Sample Name:	RB8-3, 8/31/2017 2:15:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	120	29	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	59	7.1	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	870	mg/kg	120	38	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	123	%	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	09/08/17	09/09/17 18:51	AS1	GC-13	5.882	B[10772

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-23		Client Sample Name: RB8-3, 8/31/2017 2:15:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	110	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.20	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	16	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	4.8	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	12	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	9.7	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.035	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	1.1	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	11	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	1.9	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	25	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	46	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	09/07/17	09/08/17 11:06	JCC	PE-OP3	0.962	B[I0505
2	EPA-7471A	09/06/17	09/07/17 13:05	MEV	CETAC2	0.962	B[I0353

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID: 1724616-24		Client Sample Name: RB9-1, 8/31/2017 2:00:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0058	EPA-8151A	100		1
2,4-DB	ND	mg/kg	0.040	0.017	EPA-8151A			1
Dalapon	ND	mg/kg	0.050	0.034	EPA-8151A			1
Dicamba	ND	mg/kg	0.0020	0.0016	EPA-8151A			1
Dichloroprop	ND	mg/kg	0.020	0.0055	EPA-8151A			1
Dinoseb	ND	mg/kg	0.0070	0.0024	EPA-8151A			1
2,4,5-T	ND	mg/kg	0.0030	0.0013	EPA-8151A			1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.0012	EPA-8151A	10		1
2,4-Dichlorophenylacetic acid (Surrogate)	44.0	%	40 - 120 (LCL - UCL)		EPA-8151A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8151A	09/08/17	09/11/17 13:53	MSB	GC-8	0.987	B I0725

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-24	Client Sample Name:	RB9-1, 8/31/2017 2:00:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	40	10	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	20	2.4	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	160	mg/kg	40	13	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	67.6	%	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	09/08/17	09/09/17 19:14	AS1	GC-13	2.027	B[10772

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-24		Client Sample Name: RB9-1, 8/31/2017 2:00:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	67	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.32	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.11	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	8.4	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.2	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	7.5	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	6.5	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	ND	mg/kg	0.16	0.019	EPA-7471A	20		2
Molybdenum	0.10	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	5.9	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	18	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	09/07/17	09/08/17 11:07	JCC	PE-OP3	0.909	B[I0505
2	EPA-7471A	09/06/17	09/07/17 13:07	MEV	CETAC2	0.962	B[I0353

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Chlorinated Herbicides (EPA Method 8151A)

BCL Sample ID:	1724616-25	Client Sample Name:	RB9-3, 8/31/2017 2:05:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
2,4-D	ND	mg/kg	0.020	0.0058	EPA-8151A	100		1
2,4-DB	ND	mg/kg	0.040	0.017	EPA-8151A			1
Dalapon	ND	mg/kg	0.050	0.034	EPA-8151A			1
Dicamba	ND	mg/kg	0.0020	0.0016	EPA-8151A			1
Dichloroprop	ND	mg/kg	0.020	0.0055	EPA-8151A			1
Dinoseb	ND	mg/kg	0.0070	0.0024	EPA-8151A			1
2,4,5-T	ND	mg/kg	0.0030	0.0013	EPA-8151A			1
2,4,5-TP (Silvex)	ND	mg/kg	0.0030	0.0012	EPA-8151A	10		1
2,4-Dichlorophenylacetic acid (Surrogate)	43.7	%	40 - 120 (LCL - UCL)		EPA-8151A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8151A	09/08/17	09/11/17 14:15	MSB	GC-8	0.984	B I0725

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-25	Client Sample Name:	RB9-3, 8/31/2017 2:05:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	28	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	83.8	%	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	09/08/17	09/11/17 10:06	AS1	GC-13	0.987	B[10772

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-25		Client Sample Name: RB9-3, 8/31/2017 2:05:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.7	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	43	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	0.13	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	9.6	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.3	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	7.5	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	9.4	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.045	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.16	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	7.0	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	21	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	09/07/17	09/08/17 11:09	JCC	PE-OP3	0.980	B[I0505
2	EPA-7471A	09/06/17	09/07/17 13:09	MEV	CETAC2	1.025	B[I0353

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1724616-26		Client Sample Name: RB10-2, 8/31/2017 3:10:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00017	EPA-8081A	1.4	A10	1
alpha-BHC	ND	mg/kg	0.0025	0.00065	EPA-8081A		A10	1
beta-BHC	ND	mg/kg	0.0025	0.00075	EPA-8081A		A10	1
delta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A		A10	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00041	EPA-8081A	4.0	A10	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0085	EPA-8081A	2.5	A10	1
4,4'-DDD	ND	mg/kg	0.0025	0.0010	EPA-8081A	1.0	A10	1
4,4'-DDE	0.00036	mg/kg	0.0025	0.00010	EPA-8081A	1.0	J,A10	1
4,4'-DDT	0.0057	mg/kg	0.0025	0.00046	EPA-8081A	1.0	A10	1
Dieldrin	ND	mg/kg	0.0025	0.00040	EPA-8081A	8.0	A10	1
Endosulfan I	ND	mg/kg	0.0025	0.00011	EPA-8081A		A10	1
Endosulfan II	ND	mg/kg	0.0025	0.00070	EPA-8081A		A10	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.0017	EPA-8081A		A10	1
Endrin	ND	mg/kg	0.0025	0.00046	EPA-8081A	0.2	A10	1
Endrin aldehyde	ND	mg/kg	0.0025	0.0012	EPA-8081A		A10	1
Heptachlor	ND	mg/kg	0.0025	0.00018	EPA-8081A	4.7	A10	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A		A10	1
Methoxychlor	ND	mg/kg	0.0025	0.0010	EPA-8081A	100	A10	1
Toxaphene	ND	mg/kg	0.25	0.047	EPA-8081A	5	A10	1
TCMX (Surrogate)	34.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10	1
Decachlorobiphenyl (Surrogate)	38.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/08/17	09/11/17 13:33	HKS	GC-17	4.950	B[10758

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-26		Client Sample Name: RB10-2, 8/31/2017 3:10:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Benzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0039	0.00072	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0039	0.00066	EPA-8260B			1
Bromoform	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0039	0.00049	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0039	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0039	0.00077	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0039	0.00078	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0039	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0039	0.00063	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0039	0.00066	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0039	0.00063	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-26		Client Sample Name: RB10-2, 8/31/2017 3:10:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0078	0.0019	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0039	0.00039	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Styrene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Toluene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0039	0.0016	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0039	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0039	0.00060	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0039	0.00086	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0078	0.0027	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0039	0.0017	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0039	0.00094	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)	104	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-26		Client Sample Name: RB10-2, 8/31/2017 3:10:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 04:56	ADC	MS-V3	0.780	B[10228

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-26	Client Sample Name:	RB10-2, 8/31/2017 3:10:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	65	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	39.4	%	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	09/08/17	09/11/17 10:52	AS1	GC-13	1.017	B[10763

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-26		Client Sample Name: RB10-2, 8/31/2017 3:10:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.9	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	77	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	0.55	mg/kg	0.50	0.052	EPA-6010B	100		1
Chromium	16	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	5.6	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	16	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	24	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.050	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.26	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	12	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	32	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	62	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	09/08/17	09/08/17 19:55	JCC	PE-OP3	0.980	B[I0577
2	EPA-7471A	09/06/17	09/07/17 13:11	MEV	CETAC2	1.025	B[I0353

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1724616-27		Client Sample Name: RB10-5, 8/31/2017 3:15:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000034	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.00013	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.00015	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000047	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000082	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0017	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.00021	EPA-8081A	1.0		1
4,4'-DDE	ND	mg/kg	0.00050	0.000020	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000093	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000079	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000022	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00014	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.00034	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000091	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.00023	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000036	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00021	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0094	EPA-8081A	5		1
TCMX (Surrogate)	28.9	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	44.0	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/08/17	09/11/17 11:34	HKS	GC-17	1	B[10758

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-27		Client Sample Name: RB10-5, 8/31/2017 3:15:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Benzene	0.0010	mg/kg	0.0040	0.0010	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0040	0.00074	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0040	0.00068	EPA-8260B			1
Bromoform	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0040	0.0013	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0040	0.00096	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0040	0.00096	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0040	0.00088	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0040	0.00051	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0040	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0040	0.00080	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0040	0.0014	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0040	0.00080	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0040	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0040	0.00065	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0040	0.00068	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0040	0.00096	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0040	0.00065	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0040	0.00088	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0040	0.00096	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-27		Client Sample Name: RB10-5, 8/31/2017 3:15:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0040	0.00088	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0040	0.00096	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0040	0.0014	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0080	0.0019	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0040	0.00040	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Styrene	ND	mg/kg	0.0040	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0040	0.00088	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0040	0.00088	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
Toluene	ND	mg/kg	0.0040	0.00096	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0040	0.0017	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0040	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0040	0.00088	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0040	0.00062	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0040	0.00088	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0040	0.00088	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0040	0.0013	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0040	0.0010	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0040	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0040	0.0013	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0080	0.0027	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0040	0.0018	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0040	0.00096	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	97.5	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	103	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-27		Client Sample Name: RB10-5, 8/31/2017 3:15:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 05:19	ADC	MS-V3	0.804	B[10228

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-27	Client Sample Name:	RB10-5, 8/31/2017 3:15:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	80.3	%	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	09/08/17	09/10/17 02:32	AS1	GC-13	0.987	B[10763

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-27		Client Sample Name: RB10-5, 8/31/2017 3:15:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC 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	87	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.42	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.19	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	18	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.2	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	13	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	4.5	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.035	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.64	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	12	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	0.93	mg/kg	5.0	0.64	EPA-6010B	700	J	1
Vanadium	35	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	46	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	09/08/17	09/08/17 19:56	JCC	PE-OP3	0.971	B[I0577
2	EPA-7471A	09/06/17	09/07/17 13:13	MEV	CETAC2	0.962	B[I0353

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1724616-28		Client Sample Name: RB11-2, 8/31/2017 3:25:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000034	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.00013	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.00015	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000047	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000082	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0017	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.00021	EPA-8081A	1.0		1
4,4'-DDE	0.000071	mg/kg	0.00050	0.000020	EPA-8081A	1.0	J	1
4,4'-DDT	ND	mg/kg	0.00050	0.000093	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000079	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000022	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00014	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.00034	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000091	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.00023	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000036	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00021	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0094	EPA-8081A	5		1
TCMX (Surrogate)	51.2	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	55.5	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/08/17	09/11/17 11:48	HKS	GC-17	1.014	B[10758

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-28		Client Sample Name: RB11-2, 8/31/2017 3:25:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quads	Run #
Benzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Bromobenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0038	0.00070	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0038	0.00064	EPA-8260B			1
Bromoform	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0038	0.00091	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0038	0.00091	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0038	0.00083	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0038	0.00048	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0038	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0038	0.00075	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0038	0.0013	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0038	0.00076	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0038	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0038	0.00061	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0038	0.00064	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0038	0.00091	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0038	0.00061	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0038	0.00083	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0038	0.00091	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-28		Client Sample Name: RB11-2, 8/31/2017 3:25:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0038	0.00083	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0038	0.00091	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0038	0.0013	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0076	0.0018	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0038	0.00038	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Styrene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0038	0.00083	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0038	0.00083	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
Toluene	ND	mg/kg	0.0038	0.00091	EPA-8260B			1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0038	0.0016	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0038	0.0015	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0038	0.00083	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0038	0.00058	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0038	0.00083	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0038	0.00083	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0038	0.00099	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0038	0.0011	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0038	0.0012	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0076	0.0026	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0038	0.0017	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0038	0.00091	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	117	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-28		Client Sample Name: RB11-2, 8/31/2017 3:25:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 05:42	ADC	MS-V3	0.759	B[10228

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-28	Client Sample Name:	RB11-2, 8/31/2017 3:25:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	ND	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	92.0	%	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	09/08/17	09/10/17 04:27	AS1	GC-13	1.014	B[10763

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-28		Client Sample Name: RB11-2, 8/31/2017 3:25:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.6	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	83	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.46	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.38	mg/kg	0.50	0.052	EPA-6010B	100	J	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	18	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	16	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.051	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.087	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	13	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	0.85	mg/kg	5.0	0.64	EPA-6010B	700	J	1
Vanadium	36	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	64	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	09/08/17	09/08/17 19:58	JCC	PE-OP3	0.917	B[I0577
2	EPA-7471A	09/06/17	09/07/17 13:15	MEV	CETAC2	0.962	B[I0353

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1724616-29		Client Sample Name: RB11-5, 8/31/2017 3:30:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000034	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.00013	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.00015	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000047	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000082	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0017	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.00021	EPA-8081A	1.0		1
4,4'-DDE	0.00028	mg/kg	0.00050	0.000020	EPA-8081A	1.0	J	1
4,4'-DDT	0.00031	mg/kg	0.00050	0.000093	EPA-8081A	1.0	J	1
Dieldrin	ND	mg/kg	0.00050	0.000079	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000022	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00014	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.00034	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000091	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.00023	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000036	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00021	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0094	EPA-8081A	5		1
TCMX (Surrogate)	56.4	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	46.6	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/08/17	09/11/17 12:47	HKS	GC-17	1	B[10758

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-29		Client Sample Name: RB11-5, 8/31/2017 3:30:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
Benzene	0.0035	mg/kg	0.0041	0.0011	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0041	0.00075	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0041	0.00068	EPA-8260B			1
Bromoform	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0041	0.00051	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0041	0.0015	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0041	0.00080	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0041	0.0014	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0041	0.00081	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0041	0.0015	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0041	0.00066	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0041	0.00069	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0041	0.00066	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-29		Client Sample Name: RB11-5, 8/31/2017 3:30:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0041	0.0014	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0081	0.0019	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0041	0.00041	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Styrene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
Toluene	0.0017	mg/kg	0.0041	0.00097	EPA-8260B		J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0041	0.0017	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0041	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0041	0.00062	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0041	0.00089	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0041	0.00089	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0041	0.0011	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0041	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0041	0.0013	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0081	0.0028	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0041	0.0018	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0041	0.00097	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.1	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	100	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-29		Client Sample Name: RB11-5, 8/31/2017 3:30:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 06:05	ADC	MS-V3	0.810	B[10228

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-29	Client Sample Name:	RB11-5, 8/31/2017 3:30:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	8.7	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	73.1	%	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	09/08/17	09/10/17 04:50	AS1	GC-13	1.010	B[10763

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-29		Client Sample Name: RB11-5, 8/31/2017 3:30:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	98	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.51	mg/kg	0.50	0.047	EPA-6010B	75		1
Cadmium	0.22	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	19	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	6.7	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	16	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	5.9	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.036	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.54	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	13	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	ND	mg/kg	2.0	2.0	EPA-6010B	100	A07	3
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	500		1
Thallium	1.2	mg/kg	5.0	0.64	EPA-6010B	700	J	1
Vanadium	40	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	51	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	09/08/17	09/08/17 19:59	JCC	PE-OP3	0.971	B[I0577
2	EPA-7471A	09/06/17	09/07/17 13:22	MEV	CETAC2	0.992	B[I0353
3	EPA-6010B	09/08/17	09/11/17 10:25	JCC	PE-OP3	1.942	B[I0577

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1724616-30		Client Sample Name: RB12-2, 8/31/2017 3:40:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00017	EPA-8081A	1.4	A01	1
alpha-BHC	ND	mg/kg	0.0025	0.00065	EPA-8081A		A01	1
beta-BHC	ND	mg/kg	0.0025	0.00075	EPA-8081A		A01	1
delta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A		A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00041	EPA-8081A	4.0	A01	1
Chlordane (Technical)	0.028	mg/kg	0.25	0.0085	EPA-8081A	2.5	J,A01	1
4,4'-DDD	ND	mg/kg	0.0025	0.0010	EPA-8081A	1.0	A01	1
4,4'-DDE	0.0037	mg/kg	0.0025	0.00010	EPA-8081A	1.0	A01	1
4,4'-DDT	0.0024	mg/kg	0.0025	0.00046	EPA-8081A	1.0	J,A01	1
Dieldrin	0.0018	mg/kg	0.0025	0.00040	EPA-8081A	8.0	J,A01	1
Endosulfan I	ND	mg/kg	0.0025	0.00011	EPA-8081A		A01	1
Endosulfan II	ND	mg/kg	0.0025	0.00070	EPA-8081A		A01	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.0017	EPA-8081A		A01	1
Endrin	ND	mg/kg	0.0025	0.00046	EPA-8081A	0.2	A01	1
Endrin aldehyde	ND	mg/kg	0.0025	0.0012	EPA-8081A		A01	1
Heptachlor	ND	mg/kg	0.0025	0.00018	EPA-8081A	4.7	A01	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A		A01	1
Methoxychlor	ND	mg/kg	0.0025	0.0010	EPA-8081A	100	A01	1
Toxaphene	ND	mg/kg	0.25	0.047	EPA-8081A	5	A01	1
TCMX (Surrogate)	32.3	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	21.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/08/17	09/11/17 14:18	HKS	GC-17	4.934	B[10758

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-30		Client Sample Name: RB12-2, 8/31/2017 3:40:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Benzene	0.0038	mg/kg	0.0039	0.0010	EPA-8260B		J	1
Bromobenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Bromochloromethane	ND	mg/kg	0.0039	0.00072	EPA-8260B			1
Bromodichloromethane	ND	mg/kg	0.0039	0.00066	EPA-8260B			1
Bromoform	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Bromomethane	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
n-Butylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
sec-Butylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
tert-Butylbenzene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
Carbon tetrachloride	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
Chlorobenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Chloroethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
Chloroform	ND	mg/kg	0.0039	0.00049	EPA-8260B			1
Chloromethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
2-Chlorotoluene	ND	mg/kg	0.0039	0.0014	EPA-8260B			1
4-Chlorotoluene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
Dibromochloromethane	ND	mg/kg	0.0039	0.00078	EPA-8260B			1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
1,2-Dibromoethane	ND	mg/kg	0.0039	0.00078	EPA-8260B			1
Dibromomethane	ND	mg/kg	0.0039	0.0014	EPA-8260B			1
1,2-Dichlorobenzene	ND	mg/kg	0.0039	0.00064	EPA-8260B			1
1,3-Dichlorobenzene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,4-Dichlorobenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Dichlorodifluoromethane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,1-Dichloroethane	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,2-Dichloroethane	ND	mg/kg	0.0039	0.00067	EPA-8260B			1
1,1-Dichloroethene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
cis-1,2-Dichloroethene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
trans-1,2-Dichloroethene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,2-Dichloropropane	ND	mg/kg	0.0039	0.00064	EPA-8260B			1
1,3-Dichloropropane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
2,2-Dichloropropane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,1-Dichloropropene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-30		Client Sample Name: RB12-2, 8/31/2017 3:40:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
cis-1,3-Dichloropropene	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
trans-1,3-Dichloropropene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
Ethylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Hexachlorobutadiene	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
Isopropylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
p-Isopropyltoluene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Methylene chloride	ND	mg/kg	0.0078	0.0019	EPA-8260B			1
Methyl t-butyl ether	ND	mg/kg	0.0039	0.00039	EPA-8260B			1
Naphthalene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
n-Propylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Styrene	ND	mg/kg	0.0039	0.0011	EPA-8260B			1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
Tetrachloroethene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
Toluene	0.0028	mg/kg	0.0039	0.00094	EPA-8260B		J	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0039	0.0016	EPA-8260B			1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0039	0.0016	EPA-8260B			1
1,1,1-Trichloroethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,1,2-Trichloroethane	ND	mg/kg	0.0039	0.00060	EPA-8260B			1
Trichloroethene	ND	mg/kg	0.0039	0.00086	EPA-8260B	2040		1
Trichlorofluoromethane	ND	mg/kg	0.0039	0.00086	EPA-8260B			1
1,2,3-Trichloropropane	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0039	0.0010	EPA-8260B			1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0039	0.0012	EPA-8260B			1
Vinyl chloride	ND	mg/kg	0.0039	0.0013	EPA-8260B			1
Total Xylenes	ND	mg/kg	0.0078	0.0027	EPA-8260B			1
p- & m-Xylenes	ND	mg/kg	0.0039	0.0017	EPA-8260B			1
o-Xylene	ND	mg/kg	0.0039	0.00094	EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	118	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	98.3	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.1	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-30		Client Sample Name: RB12-2, 8/31/2017 3:40:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 06:28	ADC	MS-V3	0.785	B[10228

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-30	Client Sample Name:	RB12-2, 8/31/2017 3:40:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	200	50	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	100	12	EPA-8015B/FFP	ND		1
TPH - Motor Oil	2800	mg/kg	200	65	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	83.9	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	09/08/17	09/11/17 11:37	AS1	GC-13	10.169	B[10763

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-30		Client Sample Name: RB12-2, 8/31/2017 3:40:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	4.0	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	54	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.26	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.30	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	16	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.7	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	19	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	18	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.040	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.93	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	9.2	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	1.0	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	26	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	57	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	09/08/17	09/11/17 10:38	JCC	PE-OP3	0.935	B[I0577
2	EPA-7471A	09/06/17	09/07/17 13:24	MEV	CETAC2	0.962	B[I0353

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-31	Client Sample Name:	RB13-2, 8/31/2017 2:25:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	0.026	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	0.026	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	48.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 11:38	ZZZ	GC-14	1.003	B[10756

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-31	Client Sample Name:	RB13-2, 8/31/2017 2:25:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	200	50	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	100	12	EPA-8015B/FFP	ND		1
TPH - Motor Oil	2100	mg/kg	200	65	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	79.3	%	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	09/08/17	09/11/17 11:14	AS1	GC-13	10.135	B[10763

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-32	Client Sample Name:	RB13-5, 8/31/2017 2:30:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	36.7	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 11:48	ZZZ	GC-14	1.017	B[10756

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-32	Client Sample Name:	RB13-5, 8/31/2017 2:30:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	13	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	72.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	09/08/17	09/10/17 04:04	AS1	GC-13	0.997	B[10763

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-33	Client Sample Name:	RB13-10, 8/31/2017 2:32:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	36.7	%	40 - 120 (LCL - UCL)		EPA-8082		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 11:59	ZZZ	GC-14	1.017	B[10756

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-33	Client Sample Name:	RB13-10, 8/31/2017 2:32:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	8.1	mg/kg	20	6.5	EPA-8015B/FFP	ND	J	1
Tetracosane (Surrogate)	67.5	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	09/08/17	09/10/17 02:55	AS1	GC-13	1.014	B[10763

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1724616-34		Client Sample Name: SP1, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000034	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.00013	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.00015	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000047	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000082	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0017	EPA-8081A	2.5		1
4,4'-DDD	0.00074	mg/kg	0.00050	0.00021	EPA-8081A	1.0		1
4,4'-DDE	0.0025	mg/kg	0.00050	0.000020	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000093	EPA-8081A	1.0		1
Dieldrin	0.012	mg/kg	0.00050	0.000079	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000022	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00014	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.00034	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000091	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.00023	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000036	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00021	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0094	EPA-8081A	5		1
TCMX (Surrogate)	47.6	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	39.7	%	40 - 130 (LCL - UCL)		EPA-8081A		S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/08/17	09/11/17 13:03	HKS	GC-17	1.017	B[10758

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-34	Client Sample Name:	SP1, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTL Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	45.0	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 12:10	ZZZ	GC-14	0.987	B[10756

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-34		Client Sample Name: SP1, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC 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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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-34		Client Sample Name: SP1, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quads	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
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	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)	94.0	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.3	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-34		Client Sample Name: SP1, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 14:54	ADC	MS-V3	1	B[10228

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-34	Client Sample Name:	SP1, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	ND	mg/kg	10	1.2	EPA-8015B/FFP	ND		1
TPH - Motor Oil	30	mg/kg	20	6.5	EPA-8015B/FFP	ND		1
Tetracosane (Surrogate)	77.7	%	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	09/08/17	09/10/17 05:36	AS1	GC-13	0.993	B[10763

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-34		Client Sample Name: SP1, 8/31/2017 1:00:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.5	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	47	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.36	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.22	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	9.6	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	4.1	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	9.9	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	5.5	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.045	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.58	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	7.3	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	25	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	36	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	09/08/17	09/11/17 10:39	JCC	PE-OP3	0.952	B[I0577
2	EPA-7471A	09/06/17	09/07/17 13:28	MEV	CETAC2	0.992	B[I0353

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1724616-35		Client Sample Name: SP2, 8/31/2017 1:10:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000034	EPA-8081A	1.4		1
alpha-BHC	ND	mg/kg	0.00050	0.00013	EPA-8081A			1
beta-BHC	ND	mg/kg	0.00050	0.00015	EPA-8081A			1
delta-BHC	ND	mg/kg	0.00050	0.000047	EPA-8081A			1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000082	EPA-8081A	4.0		1
Chlordane (Technical)	ND	mg/kg	0.050	0.0017	EPA-8081A	2.5		1
4,4'-DDD	ND	mg/kg	0.00050	0.00021	EPA-8081A	1.0		1
4,4'-DDE	0.0021	mg/kg	0.00050	0.000020	EPA-8081A	1.0		1
4,4'-DDT	ND	mg/kg	0.00050	0.000093	EPA-8081A	1.0		1
Dieldrin	ND	mg/kg	0.00050	0.000079	EPA-8081A	8.0		1
Endosulfan I	ND	mg/kg	0.00050	0.000022	EPA-8081A			1
Endosulfan II	ND	mg/kg	0.00050	0.00014	EPA-8081A			1
Endosulfan sulfate	ND	mg/kg	0.00050	0.00034	EPA-8081A			1
Endrin	ND	mg/kg	0.00050	0.000091	EPA-8081A	0.2		1
Endrin aldehyde	ND	mg/kg	0.00050	0.00023	EPA-8081A			1
Heptachlor	ND	mg/kg	0.00050	0.000036	EPA-8081A	4.7		1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A			1
Methoxychlor	ND	mg/kg	0.00050	0.00021	EPA-8081A	100		1
Toxaphene	ND	mg/kg	0.050	0.0094	EPA-8081A	5		1
TCMX (Surrogate)	72.3	%	20 - 130 (LCL - UCL)		EPA-8081A			1
Decachlorobiphenyl (Surrogate)	64.7	%	40 - 130 (LCL - UCL)		EPA-8081A			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/08/17	09/11/17 13:18	HKS	GC-17	1.010	B[10758

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-35	Client Sample Name:	SP2, 8/31/2017 1:10:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLT Limits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	ND	mg/kg	0.010	0.0029	EPA-8082	50		1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	63.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 12:21	ZZZ	GC-14	0.990	B[10756

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-35		Client Sample Name: SP2, 8/31/2017 1:10:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC 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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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-35		Client Sample Name: SP2, 8/31/2017 1:10:00PM, D.Dinapoli/D.Cheyne						
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
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	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)	101	%	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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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-35		Client Sample Name: SP2, 8/31/2017 1:10:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 15:17	ADC	MS-V3	1	B[10228

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-35	Client Sample Name:	SP2, 8/31/2017 1:10:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	20	5.0	EPA-8015B/FFP	ND		1
TPH - Diesel (FFP)	15	mg/kg	10	1.2	EPA-8015B/FFP	ND	A52	1
TPH - Motor Oil	43	mg/kg	20	6.5	EPA-8015B/FFP	ND	A57	1
Tetracosane (Surrogate)	79.2	%	20 - 145 (LCL - UCL)		EPA-8015B/FFP			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8015B/FFP	09/08/17	09/10/17 05:13	AS1	GC-13	1	B[10763

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-35		Client Sample Name: SP2, 8/31/2017 1:10:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	3.3	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	58	mg/kg	0.50	0.18	EPA-6010B	10000		1
Beryllium	0.42	mg/kg	0.50	0.047	EPA-6010B	75	J	1
Cadmium	0.31	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	8.3	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	4.6	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	12	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	6.6	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.047	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.78	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	8.0	mg/kg	0.50	0.15	EPA-6010B	2000		1
Selenium	2.1	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	26	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	35	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	09/11/17	09/11/17 15:51	JCC	PE-OP3	1	B[I0788
2	EPA-7471A	09/06/17	09/07/17 13:30	MEV	CETAC2	0.992	B[I0353

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 1724616-36		Client Sample Name: SP3, 8/31/2017 1:15:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLC Limits	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.00017	EPA-8081A	1.4	A01	1
alpha-BHC	ND	mg/kg	0.0025	0.00065	EPA-8081A		A01	1
beta-BHC	ND	mg/kg	0.0025	0.00075	EPA-8081A		A01	1
delta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A		A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.00041	EPA-8081A	4.0	A01	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0085	EPA-8081A	2.5	A01	1
4,4'-DDD	ND	mg/kg	0.0025	0.0010	EPA-8081A	1.0	A01	1
4,4'-DDE	0.0011	mg/kg	0.0025	0.00010	EPA-8081A	1.0	J,A01	1
4,4'-DDT	0.0013	mg/kg	0.0025	0.00046	EPA-8081A	1.0	J,A01	1
Dieldrin	0.00055	mg/kg	0.0025	0.00040	EPA-8081A	8.0	J,A01	1
Endosulfan I	ND	mg/kg	0.0025	0.00011	EPA-8081A		A01	1
Endosulfan II	ND	mg/kg	0.0025	0.00070	EPA-8081A		A01	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.0017	EPA-8081A		A01	1
Endrin	ND	mg/kg	0.0025	0.00046	EPA-8081A	0.2	A01	1
Endrin aldehyde	ND	mg/kg	0.0025	0.0012	EPA-8081A		A01	1
Heptachlor	ND	mg/kg	0.0025	0.00018	EPA-8081A	4.7	A01	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A		A01	1
Methoxychlor	ND	mg/kg	0.0025	0.0010	EPA-8081A	100	A01	1
Toxaphene	ND	mg/kg	0.25	0.047	EPA-8081A	5	A01	1
TCMX (Surrogate)	35.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	40.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8081A	09/08/17	09/11/17 14:32	HKS	GC-17	5.068	B[10758

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

BCL Sample ID:	1724616-36	Client Sample Name:	SP3, 8/31/2017 1:15:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	TTLCLimits	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.010	0.0039	EPA-8082	50		1
PCB-1221	ND	mg/kg	0.010	0.0072	EPA-8082	50		1
PCB-1232	ND	mg/kg	0.010	0.0074	EPA-8082	50		1
PCB-1242	ND	mg/kg	0.010	0.0042	EPA-8082	50		1
PCB-1248	ND	mg/kg	0.010	0.0070	EPA-8082	50		1
PCB-1254	ND	mg/kg	0.010	0.0032	EPA-8082	50		1
PCB-1260	0.0060	mg/kg	0.010	0.0029	EPA-8082	50	J	1
Total PCB's (Summation)	ND	mg/kg	0.010	0.0050	EPA-8082	50		1
Decachlorobiphenyl (Surrogate)	48.3	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8082	09/08/17	09/11/17 12:31	ZZZ	GC-14	1.003	B[10756

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-36		Client Sample Name: SP3, 8/31/2017 1:15:00PM, D.Dinapoli/D.Cheyne						
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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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-36		Client Sample Name: SP3, 8/31/2017 1:15:00PM, D.Dinapoli/D.Cheyne						
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
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00050	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)	99.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	102	%	74 - 121 (LCL - UCL)		EPA-8260B			1

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 1724616-36		Client Sample Name: SP3, 8/31/2017 1:15:00PM, D.Dinapoli/D.Cheyne					
Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	09/05/17	09/06/17 15:40	ADC	MS-V3	1	B[10228

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

BCL Sample ID:	1724616-36	Client Sample Name:	SP3, 8/31/2017 1:15:00PM, D.Dinapoli/D.Cheyne					
Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Gasoline	ND	mg/kg	100	25	EPA-8015B/FFP	ND	A01	1
TPH - Diesel (FFP)	ND	mg/kg	50	6.0	EPA-8015B/FFP	ND	A01	1
TPH - Motor Oil	370	mg/kg	100	32	EPA-8015B/FFP	ND	A01	1
Tetracosane (Surrogate)	74.4	%	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	09/08/17	09/10/17 05:59	AS1	GC-13	5.085	B[10763

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

BCL Sample ID: 1724616-36		Client Sample Name: SP3, 8/31/2017 1:15:00PM, D.Dinapoli/D.Cheyne						
Constituent	Result	Units	PQL	MDL	Method	TTLIC Limits	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	500		1
Arsenic	2.2	mg/kg	1.0	0.40	EPA-6010B	500		1
Barium	56	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	0.10	mg/kg	0.50	0.052	EPA-6010B	100	J	1
Chromium	11	mg/kg	0.50	0.050	EPA-6010B	2500		1
Cobalt	3.7	mg/kg	2.5	0.098	EPA-6010B	8000		1
Copper	8.2	mg/kg	1.0	0.050	EPA-6010B	2500		1
Lead	7.3	mg/kg	2.5	0.28	EPA-6010B	1000		1
Mercury	0.045	mg/kg	0.16	0.019	EPA-7471A	20	J	2
Molybdenum	0.093	mg/kg	2.5	0.050	EPA-6010B	3500	J	1
Nickel	6.6	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	22	mg/kg	0.50	0.11	EPA-6010B	2400		1
Zinc	32	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	09/08/17	09/11/17 10:41	JCC	PE-OP3	0.917	B[I0577
2	EPA-7471A	09/06/17	09/07/17 13:26	MEV	CETAC2	0.962	B[I0353

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[I0758						
Aldrin	B[I0758-BLK1	ND	mg/kg	0.00050	0.000034	
alpha-BHC	B[I0758-BLK1	ND	mg/kg	0.00050	0.00013	
beta-BHC	B[I0758-BLK1	ND	mg/kg	0.00050	0.00015	
delta-BHC	B[I0758-BLK1	ND	mg/kg	0.00050	0.000047	
gamma-BHC (Lindane)	B[I0758-BLK1	ND	mg/kg	0.00050	0.000082	
Chlordane (Technical)	B[I0758-BLK1	ND	mg/kg	0.050	0.0017	
4,4'-DDD	B[I0758-BLK1	ND	mg/kg	0.00050	0.00021	
4,4'-DDE	B[I0758-BLK1	ND	mg/kg	0.00050	0.000020	
4,4'-DDT	B[I0758-BLK1	ND	mg/kg	0.00050	0.000093	
Dieldrin	B[I0758-BLK1	ND	mg/kg	0.00050	0.000079	
Endosulfan I	B[I0758-BLK1	ND	mg/kg	0.00050	0.000022	
Endosulfan II	B[I0758-BLK1	ND	mg/kg	0.00050	0.00014	
Endosulfan sulfate	B[I0758-BLK1	ND	mg/kg	0.00050	0.00034	
Endrin	B[I0758-BLK1	ND	mg/kg	0.00050	0.000091	
Endrin aldehyde	B[I0758-BLK1	ND	mg/kg	0.00050	0.00023	
Heptachlor	B[I0758-BLK1	ND	mg/kg	0.00050	0.000036	
Heptachlor epoxide	B[I0758-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B[I0758-BLK1	ND	mg/kg	0.00050	0.00021	
Toxaphene	B[I0758-BLK1	ND	mg/kg	0.050	0.0094	
TCMX (Surrogate)	B[I0758-BLK1	99.1	%	20 - 130 (LCL - UCL)		
Decachlorobiphenyl (Surrogate)	B[I0758-BLK1	96.1	%	40 - 130 (LCL - UCL)		

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: B[I0758										
Aldrin	B[I0758-BS1	LCS	0.0044980	0.0050676	mg/kg	88.8		70 - 130		
gamma-BHC (Lindane)	B[I0758-BS1	LCS	0.0046885	0.0050676	mg/kg	92.5		60 - 140		
4,4'-DDT	B[I0758-BS1	LCS	0.0064669	0.0050676	mg/kg	128		60 - 140		
Dieldrin	B[I0758-BS1	LCS	0.0047517	0.0050676	mg/kg	93.8		70 - 130		
Endrin	B[I0758-BS1	LCS	0.0054402	0.0050676	mg/kg	107		60 - 140		
Heptachlor	B[I0758-BS1	LCS	0.0049247	0.0050676	mg/kg	97.2		60 - 140		
TCMX (Surrogate)	B[I0758-BS1	LCS	0.0095693	0.010135	mg/kg	94.4		20 - 130		
Decachlorobiphenyl (Surrogate)	B[I0758-BS1	LCS	0.018280	0.020270	mg/kg	90.2		40 - 130		

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BJI0758		Used client sample: Y - Description: RB10-2, 08/31/2017 15:10									
Aldrin	MS	1724616-26	ND	0.0030607	0.0049180	mg/kg		62.2		50 - 140	A10
	MSD	1724616-26	ND	0.0027664	0.0049342	mg/kg	10.1	56.1	30	50 - 140	
gamma-BHC (Lindane)	MS	1724616-26	ND	0.0029869	0.0049180	mg/kg		60.7		50 - 140	A10
	MSD	1724616-26	ND	0.0027566	0.0049342	mg/kg	8.0	55.9	30	50 - 140	
4,4'-DDT	MS	1724616-26	0.0056815	0.0078000	0.0049180	mg/kg		43.1		50 - 140	A10
	MSD	1724616-26	0.0056815	0.0056694	0.0049342	mg/kg	31.6	-0.2	30	50 - 140	Q03
Dieldrin	MS	1724616-26	ND	0.0032377	0.0049180	mg/kg		65.8		40 - 140	A10
	MSD	1724616-26	ND	0.0029194	0.0049342	mg/kg	10.3	59.2	30	40 - 140	
Endrin	MS	1724616-26	ND	0.0033902	0.0049180	mg/kg		68.9		50 - 150	A10
	MSD	1724616-26	ND	0.0030740	0.0049342	mg/kg	9.8	62.3	30	50 - 150	
Heptachlor	MS	1724616-26	ND	0.0031426	0.0049180	mg/kg		63.9		60 - 140	A10
	MSD	1724616-26	ND	0.0028470	0.0049342	mg/kg	9.9	57.7	30	60 - 140	Q03
TCMX (Surrogate)	MS	1724616-26	ND	0.0068459	0.0098361	mg/kg		69.6		20 - 130	A10
	MSD	1724616-26	ND	0.0061941	0.0098684	mg/kg	10.0	62.8		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	1724616-26	ND	0.012246	0.019672	mg/kg		62.3		40 - 130	A10
	MSD	1724616-26	ND	0.011082	0.019737	mg/kg	10.0	56.1		40 - 130	

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[I0756						
PCB-1016	B[I0756-BLK1	ND	mg/kg	0.010	0.0039	
PCB-1221	B[I0756-BLK1	ND	mg/kg	0.010	0.0072	
PCB-1232	B[I0756-BLK1	ND	mg/kg	0.010	0.0074	
PCB-1242	B[I0756-BLK1	ND	mg/kg	0.010	0.0042	
PCB-1248	B[I0756-BLK1	ND	mg/kg	0.010	0.0070	
PCB-1254	B[I0756-BLK1	ND	mg/kg	0.010	0.0032	
PCB-1260	B[I0756-BLK1	ND	mg/kg	0.010	0.0029	
Total PCB's (Summation)	B[I0756-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	B[I0756-BLK1	71.7	%	40 - 120 (LCL - UCL)		

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

								Control Limits		
Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Percent	Lab	
								Recovery	RPD	Quals
QC Batch ID: B[0756										
PCB-1016	B[0756-BS1	LCS	0.071864	0.084746	mg/kg	84.8		60 - 120		
PCB-1260	B[0756-BS1	LCS	0.074576	0.084746	mg/kg	88.0		60 - 120		
Decachlorobiphenyl (Surrogate)	B[0756-BS1	LCS	0.016949	0.020339	mg/kg	83.3		40 - 120		

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B10756		Used client sample: Y - Description: RB13-5, 08/31/2017 14:30									
PCB-1016	MS	1724616-32	ND	0.035811	0.084459	mg/kg		42.4		60 - 120	Q03
	MSD	1724616-32	ND	0.035254	0.084746	mg/kg	1.6	41.6	30	60 - 120	Q03
PCB-1260	MS	1724616-32	ND	0.034459	0.084459	mg/kg		40.8		60 - 120	Q03
	MSD	1724616-32	ND	0.034237	0.084746	mg/kg	0.6	40.4	30	60 - 120	Q03
Decachlorobiphenyl (Surrogate)	MS	1724616-32	ND	0.0084459	0.020270	mg/kg		41.7		40 - 120	
	MSD	1724616-32	ND	0.0091525	0.020339	mg/kg	8.0	45.0		40 - 120	

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[I0725						
2,4-D	B[I0725-BLK1	ND	mg/kg	0.020	0.0058	
2,4-DB	B[I0725-BLK1	ND	mg/kg	0.040	0.017	
Dalapon	B[I0725-BLK1	ND	mg/kg	0.050	0.034	
Dicamba	B[I0725-BLK1	ND	mg/kg	0.0020	0.0016	
Dichloroprop	B[I0725-BLK1	ND	mg/kg	0.020	0.0055	
Dinoseb	B[I0725-BLK1	ND	mg/kg	0.0070	0.0024	
2,4,5-T	B[I0725-BLK1	ND	mg/kg	0.0030	0.0013	
2,4,5-TP (Silvex)	B[I0725-BLK1	ND	mg/kg	0.0030	0.0012	
2,4-Dichlorophenylacetic acid (Surrogate)	B[I0725-BLK1	80.3	%	40 - 120 (LCL - UCL)		

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Chlorinated Herbicides (EPA Method 8151A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: B[I0725										
2,4-D	B[I0725-BS1	LCS	0.087838	0.081081	mg/kg	108		50 - 120		
2,4-DB	B[I0725-BS1	LCS	0.18209	0.18243	mg/kg	99.8		50 - 120		
Dicamba	B[I0725-BS1	LCS	0.016554	0.020270	mg/kg	81.7		50 - 120		
Dichloroprop	B[I0725-BS1	LCS	0.062500	0.081081	mg/kg	77.1		50 - 120		
Dinoseb	B[I0725-BS1	LCS	0.037838	0.040541	mg/kg	93.3		50 - 120		
2,4,5-T	B[I0725-BS1	LCS	0.019932	0.020270	mg/kg	98.3		30 - 120		
2,4,5-TP (Silvex)	B[I0725-BS1	LCS	0.019257	0.020270	mg/kg	95.0		50 - 120		
2,4-Dichlorophenylacetic acid (Surrogate)	B[I0725-BS1	LCS	0.10676	0.13514	mg/kg	79.0		40 - 120		

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Chlorinated Herbicides (EPA Method 8151A)

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: B[0725		Used client sample: Y - Description: RB9-3, 08/31/2017 14:05									
2,4-D	MS	1724616-25	ND	0.062951	0.078689	mg/kg		80.0		40 - 120	
	MSD	1724616-25	ND	0.042763	0.078947	mg/kg	38.2	54.2	30	40 - 120	Q02
2,4-DB	MS	1724616-25	ND	0.13279	0.17705	mg/kg		75.0		50 - 120	
	MSD	1724616-25	ND	0.098355	0.17763	mg/kg	29.8	55.4	30	50 - 120	
Dicamba	MS	1724616-25	ND	0.014098	0.019672	mg/kg		71.7		50 - 120	
	MSD	1724616-25	ND	0.0098684	0.019737	mg/kg	35.3	50.0	30	50 - 120	Q02
Dichloroprop	MS	1724616-25	ND	0.041967	0.078689	mg/kg		53.3		40 - 120	
	MSD	1724616-25	ND	0.032237	0.078947	mg/kg	26.2	40.8	30	40 - 120	
Dinoseb	MS	1724616-25	ND	0.026230	0.039344	mg/kg		66.7		40 - 130	
	MSD	1724616-25	ND	0.020066	0.039474	mg/kg	26.6	50.8	30	40 - 130	
2,4,5-T	MS	1724616-25	ND	0.014098	0.019672	mg/kg		71.7		30 - 120	
	MSD	1724616-25	ND	0.010855	0.019737	mg/kg	26.0	55.0	30	30 - 120	
2,4,5-TP (Silvex)	MS	1724616-25	ND	0.013443	0.019672	mg/kg		68.3		40 - 120	
	MSD	1724616-25	ND	0.0098684	0.019737	mg/kg	30.7	50.0	30	40 - 120	Q02
2,4-Dichlorophenylacetic acid (Surrogate	MS	1724616-25	ND	0.10656	0.13115	mg/kg		81.3		40 - 120	
	MSD	1724616-25	ND	0.076645	0.13158	mg/kg	32.7	58.2		40 - 120	

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[I0228						
Benzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
Bromobenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
Bromochloromethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.00092	
Bromodichloromethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.00084	
Bromoform	B[I0228-BLK1	ND	mg/kg	0.0050	0.0015	
Bromomethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0016	
n-Butylbenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0015	
sec-Butylbenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0012	
tert-Butylbenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0012	
Carbon tetrachloride	B[I0228-BLK1	ND	mg/kg	0.0050	0.0011	
Chlorobenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
Chloroethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0014	
Chloroform	B[I0228-BLK1	ND	mg/kg	0.0050	0.00063	
Chloromethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0014	
2-Chlorotoluene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0018	
4-Chlorotoluene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0014	
Dibromochloromethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.00099	
1,2-Dibromo-3-chloropropane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0017	
1,2-Dibromoethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0010	
Dibromomethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0018	
1,2-Dichlorobenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichlorobenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0014	
1,4-Dichlorobenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0015	
Dichlorodifluoromethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloroethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloroethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.00085	
1,1-Dichloroethene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,2-Dichloroethene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
trans-1,2-Dichloroethene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichloropropane	B[I0228-BLK1	ND	mg/kg	0.0050	0.00081	
1,3-Dichloropropane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0011	
2,2-Dichloropropane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
1,1-Dichloropropene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0012	
cis-1,3-Dichloropropene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0011	

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[I0228						
trans-1,3-Dichloropropene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0012	
Ethylbenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0015	
Hexachlorobutadiene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0017	
Isopropylbenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
p-Isopropyltoluene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
Methylene chloride	B[I0228-BLK1	ND	mg/kg	0.010	0.0024	
Methyl t-butyl ether	B[I0228-BLK1	ND	mg/kg	0.0050	0.00050	
Naphthalene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0014	
n-Propylbenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
Styrene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1,2-Tetrachloroethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2,2-Tetrachloroethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0011	
Tetrachloroethene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
Toluene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0012	
1,2,3-Trichlorobenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0021	
1,2,4-Trichlorobenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0020	
1,1,1-Trichloroethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0011	
1,1,2-Trichloroethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.00077	
Trichloroethene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0011	
Trichlorofluoromethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0011	
1,2,3-Trichloropropane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0016	
1,1,2-Trichloro-1,2,2-trifluoroethane	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
1,2,4-Trimethylbenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0013	
1,3,5-Trimethylbenzene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0015	
Vinyl chloride	B[I0228-BLK1	ND	mg/kg	0.0050	0.0016	
Total Xylenes	B[I0228-BLK1	ND	mg/kg	0.010	0.0034	
p- & m-Xylenes	B[I0228-BLK1	ND	mg/kg	0.0050	0.0022	
o-Xylene	B[I0228-BLK1	ND	mg/kg	0.0050	0.0012	
1,2-Dichloroethane-d4 (Surrogate)	B[I0228-BLK1	103	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	B[I0228-BLK1	102	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	B[I0228-BLK1	95.1	%	74 - 121 (LCL - UCL)		

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Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	Quals
QC Batch ID: B[I0228										
Benzene	B[I0228-BS1	LCS	0.14223	0.12500	mg/kg	114		70 - 130		
Bromodichloromethane	B[I0228-BS1	LCS	0.11674	0.12500	mg/kg	93.4		70 - 130		
Chlorobenzene	B[I0228-BS1	LCS	0.13054	0.12500	mg/kg	104		70 - 130		
Chloroethane	B[I0228-BS1	LCS	0.10970	0.12500	mg/kg	87.8		70 - 130		
1,4-Dichlorobenzene	B[I0228-BS1	LCS	0.12727	0.12500	mg/kg	102		70 - 130		
1,1-Dichloroethane	B[I0228-BS1	LCS	0.13302	0.12500	mg/kg	106		70 - 130		
1,1-Dichloroethene	B[I0228-BS1	LCS	0.12797	0.12500	mg/kg	102		70 - 130		
Toluene	B[I0228-BS1	LCS	0.12212	0.12500	mg/kg	97.7		70 - 130		
Trichloroethene	B[I0228-BS1	LCS	0.12078	0.12500	mg/kg	96.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B[I0228-BS1	LCS	0.050180	0.050000	mg/kg	100		70 - 121		
Toluene-d8 (Surrogate)	B[I0228-BS1	LCS	0.049880	0.050000	mg/kg	99.8		81 - 117		
4-Bromofluorobenzene (Surrogate)	B[I0228-BS1	LCS	0.050040	0.050000	mg/kg	100		74 - 121		

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: BJI0228		Used client sample: N									
Benzene	MS	1722106-96	ND	0.13174	0.12500	mg/kg		105		70 - 130	
	MSD	1722106-96	ND	0.13261	0.12500	mg/kg	0.7	106	20	70 - 130	
Bromodichloromethane	MS	1722106-96	ND	0.098330	0.12500	mg/kg		78.7		70 - 130	
	MSD	1722106-96	ND	0.11233	0.12500	mg/kg	13.3	89.9	20	70 - 130	
Chlorobenzene	MS	1722106-96	ND	0.16760	0.12500	mg/kg		134		70 - 130	Q03
	MSD	1722106-96	ND	0.12239	0.12500	mg/kg	31.2	97.9	20	70 - 130	Q02
Chloroethane	MS	1722106-96	ND	0.13579	0.12500	mg/kg		109		70 - 130	
	MSD	1722106-96	ND	0.10979	0.12500	mg/kg	21.2	87.8	20	70 - 130	Q02
1,4-Dichlorobenzene	MS	1722106-96	ND	0.14509	0.12500	mg/kg		116		70 - 130	
	MSD	1722106-96	ND	0.12066	0.12500	mg/kg	18.4	96.5	20	70 - 130	
1,1-Dichloroethane	MS	1722106-96	ND	0.12711	0.12500	mg/kg		102		70 - 130	
	MSD	1722106-96	ND	0.12588	0.12500	mg/kg	1.0	101	20	70 - 130	
1,1-Dichloroethene	MS	1722106-96	ND	0.17495	0.12500	mg/kg		140		70 - 130	Q03
	MSD	1722106-96	ND	0.12637	0.12500	mg/kg	32.2	101	20	70 - 130	Q02
Toluene	MS	1722106-96	ND	0.15541	0.12500	mg/kg		124		70 - 130	
	MSD	1722106-96	ND	0.11481	0.12500	mg/kg	30.0	91.8	20	70 - 130	Q02
Trichloroethene	MS	1722106-96	ND	0.17005	0.12500	mg/kg		136		70 - 130	Q03
	MSD	1722106-96	ND	0.11561	0.12500	mg/kg	38.1	92.5	20	70 - 130	Q02
1,2-Dichloroethane-d4 (Surrogate)	MS	1722106-96	ND	0.043230	0.050000	mg/kg		86.5		70 - 121	
	MSD	1722106-96	ND	0.049240	0.050000	mg/kg	13.0	98.5		70 - 121	
Toluene-d8 (Surrogate)	MS	1722106-96	ND	0.047690	0.050000	mg/kg		95.4		81 - 117	
	MSD	1722106-96	ND	0.049410	0.050000	mg/kg	3.5	98.8		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	1722106-96	ND	0.050040	0.050000	mg/kg		100		74 - 121	
	MSD	1722106-96	ND	0.050370	0.050000	mg/kg	0.7	101		74 - 121	

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[I0763						
TPH - Gasoline	B[I0763-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	B[I0763-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	B[I0763-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	B[I0763-BLK1	91.2	%	20 - 145 (LCL - UCL)		
QC Batch ID: B[I0772						
TPH - Gasoline	B[I0772-BLK1	ND	mg/kg	20	5.0	
TPH - Diesel (FFP)	B[I0772-BLK1	ND	mg/kg	10	1.2	
TPH - Motor Oil	B[I0772-BLK1	ND	mg/kg	20	6.5	
Tetracosane (Surrogate)	B[I0772-BLK1	90.5	%	20 - 145 (LCL - UCL)		

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

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: B[I0763										
TPH - Diesel (FFP)	B[I0763-BS1	LCS	69.787	83.893	mg/kg	83.2		64 - 124		
Tetracosane (Surrogate)	B[I0763-BS1	LCS	3.0554	3.3570	mg/kg	91.0		20 - 145		
QC Batch ID: B[I0772										
TPH - Diesel (FFP)	B[I0772-BS1	LCS	72.197	84.746	mg/kg	85.2		64 - 124		
Tetracosane (Surrogate)	B[I0772-BS1	LCS	3.0468	3.3912	mg/kg	89.8		20 - 145		

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Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B[10763]		Used client sample: N									
TPH - Diesel (FFP)	MS	1722106-56	ND	47.306	83.893	mg/kg		56.4		52 - 131	
	MSD	1722106-56	ND	68.045	84.746	mg/kg	36.0	80.3	30	52 - 131	Q02
Tetracosane (Surrogate)	MS	1722106-56	ND	2.0178	3.3570	mg/kg		60.1		20 - 145	
	MSD	1722106-56	ND	3.0485	3.3912	mg/kg	40.7	89.9		20 - 145	
QC Batch ID: B[10772]		Used client sample: Y - Description: RB7-15, 08/31/2017 11:15									
TPH - Diesel (FFP)	MS	1724616-21	2.9247	69.762	81.967	mg/kg		81.5		52 - 131	
	MSD	1724616-21	2.9247	65.413	82.508	mg/kg	6.4	75.7	30	52 - 131	
Tetracosane (Surrogate)	MS	1724616-21	ND	2.8333	3.2800	mg/kg		86.4		20 - 145	
	MSD	1724616-21	ND	2.6926	3.3017	mg/kg	5.1	81.6		20 - 145	

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Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
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QC Batch ID: B[I0353

Mercury	B[I0353-BLK1	ND	mg/kg	0.16	0.019	
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QC Batch ID: B[I0505

Antimony	B[I0505-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B[I0505-BLK1	ND	mg/kg	1.0	0.40	
Barium	B[I0505-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B[I0505-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B[I0505-BLK1	ND	mg/kg	0.50	0.052	
Chromium	B[I0505-BLK1	ND	mg/kg	0.50	0.050	
Cobalt	B[I0505-BLK1	ND	mg/kg	2.5	0.098	
Copper	B[I0505-BLK1	ND	mg/kg	1.0	0.050	
Lead	B[I0505-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	B[I0505-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B[I0505-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B[I0505-BLK1	ND	mg/kg	1.0	0.98	
Silver	B[I0505-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B[I0505-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B[I0505-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B[I0505-BLK1	0.14041	mg/kg	2.5	0.087	J

QC Batch ID: B[I0577

Antimony	B[I0577-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B[I0577-BLK1	ND	mg/kg	1.0	0.40	
Barium	B[I0577-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B[I0577-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B[I0577-BLK1	ND	mg/kg	0.50	0.052	
Chromium	B[I0577-BLK1	ND	mg/kg	0.50	0.050	
Cobalt	B[I0577-BLK1	ND	mg/kg	2.5	0.098	
Copper	B[I0577-BLK1	0.10155	mg/kg	1.0	0.050	J
Lead	B[I0577-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	B[I0577-BLK1	0.12026	mg/kg	2.5	0.050	J
Nickel	B[I0577-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B[I0577-BLK1	ND	mg/kg	1.0	0.98	
Silver	B[I0577-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B[I0577-BLK1	ND	mg/kg	5.0	0.64	

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Project Manager: Matt Pendleton

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B[I0577]						
Vanadium	B[I0577-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B[I0577-BLK1	0.27278	mg/kg	2.5	0.087	J
QC Batch ID: B[I0788]						
Antimony	B[I0788-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B[I0788-BLK1	ND	mg/kg	1.0	0.40	
Barium	B[I0788-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B[I0788-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B[I0788-BLK1	ND	mg/kg	0.50	0.052	
Chromium	B[I0788-BLK1	ND	mg/kg	0.50	0.050	
Cobalt	B[I0788-BLK1	ND	mg/kg	2.5	0.098	
Copper	B[I0788-BLK1	ND	mg/kg	1.0	0.050	
Lead	B[I0788-BLK1	ND	mg/kg	2.5	0.28	
Molybdenum	B[I0788-BLK1	ND	mg/kg	2.5	0.050	
Nickel	B[I0788-BLK1	ND	mg/kg	0.50	0.15	
Selenium	B[I0788-BLK1	ND	mg/kg	1.0	0.98	
Silver	B[I0788-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B[I0788-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B[I0788-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B[I0788-BLK1	0.11459	mg/kg	2.5	0.087	J

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Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

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: B[0353										
Mercury	B[0353-BS1	LCS	0.90912	0.80000	mg/kg	114		80 - 120		
QC Batch ID: B[0505										
Antimony	B[0505-BS1	LCS	100.49	100.00	mg/kg	100		75 - 125		
Arsenic	B[0505-BS1	LCS	9.4011	10.000	mg/kg	94.0		75 - 125		
Barium	B[0505-BS1	LCS	105.16	100.00	mg/kg	105		75 - 125		
Beryllium	B[0505-BS1	LCS	9.5272	10.000	mg/kg	95.3		75 - 125		
Cadmium	B[0505-BS1	LCS	9.5337	10.000	mg/kg	95.3		75 - 125		
Chromium	B[0505-BS1	LCS	103.61	100.00	mg/kg	104		75 - 125		
Cobalt	B[0505-BS1	LCS	99.355	100.00	mg/kg	99.4		75 - 125		
Copper	B[0505-BS1	LCS	90.782	100.00	mg/kg	90.8		75 - 125		
Lead	B[0505-BS1	LCS	99.004	100.00	mg/kg	99.0		75 - 125		
Molybdenum	B[0505-BS1	LCS	98.138	100.00	mg/kg	98.1		75 - 125		
Nickel	B[0505-BS1	LCS	105.88	100.00	mg/kg	106		75 - 125		
Selenium	B[0505-BS1	LCS	9.3653	10.000	mg/kg	93.7		75 - 125		
Silver	B[0505-BS1	LCS	9.4131	10.000	mg/kg	94.1		75 - 125		
Thallium	B[0505-BS1	LCS	107.66	100.00	mg/kg	108		75 - 125		
Vanadium	B[0505-BS1	LCS	106.58	100.00	mg/kg	107		75 - 125		
Zinc	B[0505-BS1	LCS	95.248	100.00	mg/kg	95.2		75 - 125		
QC Batch ID: B[0577										
Antimony	B[0577-BS1	LCS	105.85	100.00	mg/kg	106		75 - 125		
Arsenic	B[0577-BS1	LCS	9.7011	10.000	mg/kg	97.0		75 - 125		
Barium	B[0577-BS1	LCS	102.46	100.00	mg/kg	102		75 - 125		
Beryllium	B[0577-BS1	LCS	10.548	10.000	mg/kg	105		75 - 125		
Cadmium	B[0577-BS1	LCS	10.195	10.000	mg/kg	102		75 - 125		
Chromium	B[0577-BS1	LCS	106.21	100.00	mg/kg	106		75 - 125		
Cobalt	B[0577-BS1	LCS	100.67	100.00	mg/kg	101		75 - 125		
Copper	B[0577-BS1	LCS	99.046	100.00	mg/kg	99.0		75 - 125		
Lead	B[0577-BS1	LCS	100.19	100.00	mg/kg	100		75 - 125		
Molybdenum	B[0577-BS1	LCS	102.21	100.00	mg/kg	102		75 - 125		
Nickel	B[0577-BS1	LCS	108.79	100.00	mg/kg	109		75 - 125		
Selenium	B[0577-BS1	LCS	9.5063	10.000	mg/kg	95.1		75 - 125		
Silver	B[0577-BS1	LCS	9.8771	10.000	mg/kg	98.8		75 - 125		
Thallium	B[0577-BS1	LCS	113.39	100.00	mg/kg	113		75 - 125		

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Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLIC)

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: B[I0577										
Vanadium	B[I0577-BS1	LCS	110.20	100.00	mg/kg	110		75 - 125		
Zinc	B[I0577-BS1	LCS	97.884	100.00	mg/kg	97.9		75 - 125		
QC Batch ID: B[I0788										
Antimony	B[I0788-BS1	LCS	98.872	100.00	mg/kg	98.9		75 - 125		
Arsenic	B[I0788-BS1	LCS	9.3718	10.000	mg/kg	93.7		75 - 125		
Barium	B[I0788-BS1	LCS	104.26	100.00	mg/kg	104		75 - 125		
Beryllium	B[I0788-BS1	LCS	9.8709	10.000	mg/kg	98.7		75 - 125		
Cadmium	B[I0788-BS1	LCS	9.5444	10.000	mg/kg	95.4		75 - 125		
Chromium	B[I0788-BS1	LCS	103.53	100.00	mg/kg	104		75 - 125		
Cobalt	B[I0788-BS1	LCS	99.107	100.00	mg/kg	99.1		75 - 125		
Copper	B[I0788-BS1	LCS	93.117	100.00	mg/kg	93.1		75 - 125		
Lead	B[I0788-BS1	LCS	98.088	100.00	mg/kg	98.1		75 - 125		
Molybdenum	B[I0788-BS1	LCS	97.664	100.00	mg/kg	97.7		75 - 125		
Nickel	B[I0788-BS1	LCS	106.40	100.00	mg/kg	106		75 - 125		
Selenium	B[I0788-BS1	LCS	9.2728	10.000	mg/kg	92.7		75 - 125		
Silver	B[I0788-BS1	LCS	9.3633	10.000	mg/kg	93.6		75 - 125		
Thallium	B[I0788-BS1	LCS	107.56	100.00	mg/kg	108		75 - 125		
Vanadium	B[I0788-BS1	LCS	101.24	100.00	mg/kg	101		75 - 125		
Zinc	B[I0788-BS1	LCS	95.149	100.00	mg/kg	95.1		75 - 125		

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B[I0353		Used client sample: Y - Description: RB4-2, 08/31/2017 11:45									
Mercury	DUP	1724616-10	0.023934	0.048525		mg/kg	67.9		20		J,A02
	MS	1724616-10	0.023934	0.93984	0.81967	mg/kg		112		80 - 120	
	MSD	1724616-10	0.023934	0.91770	0.81967	mg/kg	2.4	109	20	80 - 120	
QC Batch ID: B[I0505		Used client sample: Y - Description: RB4-2, 08/31/2017 11:45									
Antimony	DUP	1724616-10	ND	ND		mg/kg			20		
	MS	1724616-10	ND	28.746	100.00	mg/kg		28.7		16 - 119	
	MSD	1724616-10	ND	31.948	100.00	mg/kg	10.6	31.9	20	16 - 119	
Arsenic	DUP	1724616-10	1.8886	1.9584		mg/kg	3.6		20		
	MS	1724616-10	1.8886	10.316	10.000	mg/kg		84.3		75 - 125	
	MSD	1724616-10	1.8886	10.482	10.000	mg/kg	1.6	85.9	20	75 - 125	
Barium	DUP	1724616-10	96.524	100.67		mg/kg	4.2		20		
	MS	1724616-10	96.524	187.62	100.00	mg/kg		91.1		75 - 125	
	MSD	1724616-10	96.524	192.92	100.00	mg/kg	2.8	96.4	20	75 - 125	
Beryllium	DUP	1724616-10	0.24075	0.25685		mg/kg	6.5		20		J
	MS	1724616-10	0.24075	8.7554	10.000	mg/kg		85.1		75 - 125	
	MSD	1724616-10	0.24075	9.1220	10.000	mg/kg	4.1	88.8	20	75 - 125	
Cadmium	DUP	1724616-10	0.30113	0.30821		mg/kg	2.3		20		J
	MS	1724616-10	0.30113	8.3408	10.000	mg/kg		80.4		75 - 125	
	MSD	1724616-10	0.30113	9.1291	10.000	mg/kg	9.0	88.3	20	75 - 125	
Chromium	DUP	1724616-10	11.687	13.490		mg/kg	14.3		20		
	MS	1724616-10	11.687	97.559	100.00	mg/kg		85.9		75 - 125	
	MSD	1724616-10	11.687	105.45	100.00	mg/kg	7.8	93.8	20	75 - 125	
Cobalt	DUP	1724616-10	3.6349	4.0951		mg/kg	11.9		20		
	MS	1724616-10	3.6349	84.730	100.00	mg/kg		81.1		75 - 125	
	MSD	1724616-10	3.6349	91.428	100.00	mg/kg	7.6	87.8	20	75 - 125	
Copper	DUP	1724616-10	7.2342	7.4506		mg/kg	2.9		20		
	MS	1724616-10	7.2342	91.206	100.00	mg/kg		84.0		75 - 125	
	MSD	1724616-10	7.2342	100.66	100.00	mg/kg	9.9	93.4	20	75 - 125	
Lead	DUP	1724616-10	8.6257	7.3525		mg/kg	15.9		20		
	MS	1724616-10	8.6257	89.329	100.00	mg/kg		80.7		75 - 125	
	MSD	1724616-10	8.6257	98.444	100.00	mg/kg	9.7	89.8	20	75 - 125	
Molybdenum	DUP	1724616-10	0.81980	0.72958		mg/kg	11.6		20		J
	MS	1724616-10	0.81980	79.876	100.00	mg/kg		79.1		75 - 125	
	MSD	1724616-10	0.81980	86.053	100.00	mg/kg	7.4	85.2	20	75 - 125	
Nickel	DUP	1724616-10	7.8369	8.7815		mg/kg	11.4		20		
	MS	1724616-10	7.8369	93.326	100.00	mg/kg		85.5		75 - 125	
	MSD	1724616-10	7.8369	100.58	100.00	mg/kg	7.5	92.7	20	75 - 125	

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180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

										Control Limits	
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B I0505		Used client sample: Y - Description: RB4-2, 08/31/2017 11:45									
Selenium	DUP	1724616-10	1.8549	1.0621		mg/kg	54.4		20		A02
	MS	1724616-10	1.8549	9.2951	10.000	mg/kg		74.4		75 - 125	Q03
	MSD	1724616-10	1.8549	9.5337	10.000	mg/kg	2.5	76.8	20	75 - 125	
Silver	DUP	1724616-10	ND	ND		mg/kg			20		
	MS	1724616-10	ND	8.0876	10.000	mg/kg		80.9		75 - 125	
	MSD	1724616-10	ND	8.7235	10.000	mg/kg	7.6	87.2	20	75 - 125	
Thallium	DUP	1724616-10	ND	ND		mg/kg			20		
	MS	1724616-10	ND	83.694	100.00	mg/kg		83.7		75 - 125	
	MSD	1724616-10	ND	91.293	100.00	mg/kg	8.7	91.3	20	75 - 125	
Vanadium	DUP	1724616-10	21.205	23.396		mg/kg	9.8		20		
	MS	1724616-10	21.205	108.70	100.00	mg/kg		87.5		75 - 125	
	MSD	1724616-10	21.205	120.16	100.00	mg/kg	10.0	99.0	20	75 - 125	
Zinc	DUP	1724616-10	36.397	37.107		mg/kg	1.9		20		
	MS	1724616-10	36.397	114.31	100.00	mg/kg		77.9		75 - 125	
	MSD	1724616-10	36.397	124.34	100.00	mg/kg	8.4	87.9	20	75 - 125	
QC Batch ID: B I0577		Used client sample: N									
Antimony	DUP	1716622-09	ND	ND		mg/kg			20		
	MS	1716622-09	ND	30.473	100.00	mg/kg		30.5		16 - 119	
	MSD	1716622-09	ND	31.792	100.00	mg/kg	4.2	31.8	20	16 - 119	
Arsenic	DUP	1716622-09	3.6213	5.2114		mg/kg	36.0		20		A02
	MS	1716622-09	3.6213	12.696	10.000	mg/kg		90.7		75 - 125	
	MSD	1716622-09	3.6213	12.330	10.000	mg/kg	2.9	87.1	20	75 - 125	
Barium	DUP	1716622-09	209.07	255.98		mg/kg	20.2		20		Q01
	MS	1716622-09	209.07	305.85	100.00	mg/kg		96.8		75 - 125	
	MSD	1716622-09	209.07	319.34	100.00	mg/kg	4.3	110	20	75 - 125	
Beryllium	DUP	1716622-09	0.32328	0.35646		mg/kg	9.8		20		J
	MS	1716622-09	0.32328	9.0630	10.000	mg/kg		87.4		75 - 125	
	MSD	1716622-09	0.32328	9.4279	10.000	mg/kg	3.9	91.0	20	75 - 125	
Cadmium	DUP	1716622-09	2.1458	2.5428		mg/kg	16.9		20		
	MS	1716622-09	2.1458	10.629	10.000	mg/kg		84.8		75 - 125	
	MSD	1716622-09	2.1458	11.042	10.000	mg/kg	3.8	89.0	20	75 - 125	
Chromium	DUP	1716622-09	19.821	31.062		mg/kg	44.2		20		Q01
	MS	1716622-09	19.821	104.66	100.00	mg/kg		84.8		75 - 125	
	MSD	1716622-09	19.821	109.29	100.00	mg/kg	4.3	89.5	20	75 - 125	
Cobalt	DUP	1716622-09	4.5156	4.8804		mg/kg	7.8		20		J
	MS	1716622-09	4.5156	87.253	100.00	mg/kg		82.7		75 - 125	
	MSD	1716622-09	4.5156	86.276	100.00	mg/kg	1.1	81.8	20	75 - 125	

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Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B[I0577		Used client sample: N									
Copper	DUP	1716622-09	35.872	42.009		mg/kg	15.8		20		
	MS	1716622-09	35.872	129.59	100.00	mg/kg		93.7		75 - 125	
	MSD	1716622-09	35.872	131.23	100.00	mg/kg	1.3	95.4	20	75 - 125	
Lead	DUP	1716622-09	142.48	138.23		mg/kg	3.0		20		
	MS	1716622-09	142.48	209.16	100.00	mg/kg		66.7		75 - 125	Q03
	MSD	1716622-09	142.48	208.12	100.00	mg/kg	0.5	65.6	20	75 - 125	Q03
Molybdenum	DUP	1716622-09	3.1410	6.8815		mg/kg	74.6		20		A02
	MS	1716622-09	3.1410	88.596	100.00	mg/kg		85.5		75 - 125	
	MSD	1716622-09	3.1410	87.442	100.00	mg/kg	1.3	84.3	20	75 - 125	
Nickel	DUP	1716622-09	22.189	22.850		mg/kg	2.9		20		
	MS	1716622-09	22.189	105.91	100.00	mg/kg		83.7		75 - 125	
	MSD	1716622-09	22.189	110.47	100.00	mg/kg	4.2	88.3	20	75 - 125	
Selenium	DUP	1716622-09	ND	ND		mg/kg			20		
	MS	1716622-09	ND	9.7141	10.000	mg/kg		97.1		75 - 125	
	MSD	1716622-09	ND	9.8557	10.000	mg/kg	1.4	98.6	20	75 - 125	
Silver	DUP	1716622-09	ND	ND		mg/kg			20		
	MS	1716622-09	ND	8.6630	10.000	mg/kg		86.6		75 - 125	
	MSD	1716622-09	ND	8.4278	10.000	mg/kg	2.8	84.3	20	75 - 125	
Thallium	DUP	1716622-09	ND	ND		mg/kg			20		
	MS	1716622-09	ND	84.550	100.00	mg/kg		84.5		75 - 125	
	MSD	1716622-09	ND	88.276	100.00	mg/kg	4.3	88.3	20	75 - 125	
Vanadium	DUP	1716622-09	24.238	26.089		mg/kg	7.4		20		
	MS	1716622-09	24.238	110.78	100.00	mg/kg		86.5		75 - 125	
	MSD	1716622-09	24.238	117.71	100.00	mg/kg	6.1	93.5	20	75 - 125	
Zinc	DUP	1716622-09	396.61	519.10		mg/kg	26.8		20		Q01
	MS	1716622-09	396.61	769.72	100.00	mg/kg		373		75 - 125	A03
	MSD	1716622-09	396.61	434.60	100.00	mg/kg	55.7	38.0	20	75 - 125	A03,Q02

QC Batch ID: B[I0788]		Used client sample: Y - Description: SP2, 08/31/2017 13:10									
Antimony	DUP	1724616-35	ND	ND		mg/kg			20		
	MS	1724616-35	ND	29.166	100.00	mg/kg		29.2		16 - 119	
	MSD	1724616-35	ND	29.511	100.00	mg/kg	1.2	29.5	20	16 - 119	
Arsenic	DUP	1724616-35	3.3228	3.9256		mg/kg	16.6		20		
	MS	1724616-35	3.3228	12.045	10.000	mg/kg		87.2		75 - 125	
	MSD	1724616-35	3.3228	11.308	10.000	mg/kg	6.3	79.9	20	75 - 125	
Barium	DUP	1724616-35	57.723	59.202		mg/kg	2.5		20		
	MS	1724616-35	57.723	140.34	100.00	mg/kg		82.6		75 - 125	
	MSD	1724616-35	57.723	138.66	100.00	mg/kg	1.2	80.9	20	75 - 125	

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Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

									Control Limits		
Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	RPD	Percent Recovery	Lab Quals
QC Batch ID: B[J0788		Used client sample: Y - Description: SP2, 08/31/2017 13:10									
Beryllium	DUP	1724616-35	0.42391	0.45960		mg/kg	8.1		20		J
	MS	1724616-35	0.42391	8.8758	10.000	mg/kg		84.5		75 - 125	
	MSD	1724616-35	0.42391	8.7802	10.000	mg/kg	1.1	83.6	20	75 - 125	
Cadmium	DUP	1724616-35	0.30777	0.22332		mg/kg	31.8		20		J,A02
	MS	1724616-35	0.30777	8.5361	10.000	mg/kg		82.3		75 - 125	
	MSD	1724616-35	0.30777	8.3412	10.000	mg/kg	2.3	80.3	20	75 - 125	
Chromium	DUP	1724616-35	8.2603	10.089		mg/kg	19.9		20		
	MS	1724616-35	8.2603	95.470	100.00	mg/kg		87.2		75 - 125	
	MSD	1724616-35	8.2603	94.181	100.00	mg/kg	1.4	85.9	20	75 - 125	
Cobalt	DUP	1724616-35	4.6402	5.1398		mg/kg	10.2		20		
	MS	1724616-35	4.6402	86.630	100.00	mg/kg		82.0		75 - 125	
	MSD	1724616-35	4.6402	85.006	100.00	mg/kg	1.9	80.4	20	75 - 125	
Copper	DUP	1724616-35	11.671	12.488		mg/kg	6.8		20		
	MS	1724616-35	11.671	100.25	100.00	mg/kg		88.6		75 - 125	
	MSD	1724616-35	11.671	97.416	100.00	mg/kg	2.9	85.7	20	75 - 125	
Lead	DUP	1724616-35	6.6222	6.5184		mg/kg	1.6		20		
	MS	1724616-35	6.6222	90.371	100.00	mg/kg		83.7		75 - 125	
	MSD	1724616-35	6.6222	88.369	100.00	mg/kg	2.2	81.7	20	75 - 125	
Molybdenum	DUP	1724616-35	0.77730	0.75760		mg/kg	2.6		20		J
	MS	1724616-35	0.77730	81.828	100.00	mg/kg		81.1		75 - 125	
	MSD	1724616-35	0.77730	80.108	100.00	mg/kg	2.1	79.3	20	75 - 125	
Nickel	DUP	1724616-35	8.0000	8.4848		mg/kg	5.9		20		
	MS	1724616-35	8.0000	94.203	100.00	mg/kg		86.2		75 - 125	
	MSD	1724616-35	8.0000	92.816	100.00	mg/kg	1.5	84.8	20	75 - 125	
Selenium	DUP	1724616-35	2.0715	1.9057		mg/kg	8.3		20		
	MS	1724616-35	2.0715	10.195	10.000	mg/kg		81.2		75 - 125	
	MSD	1724616-35	2.0715	9.8953	10.000	mg/kg	3.0	78.2	20	75 - 125	
Silver	DUP	1724616-35	ND	ND		mg/kg			20		
	MS	1724616-35	ND	8.1133	10.000	mg/kg		81.1		75 - 125	
	MSD	1724616-35	ND	7.9410	10.000	mg/kg	2.1	79.4	20	75 - 125	
Thallium	DUP	1724616-35	ND	ND		mg/kg			20		
	MS	1724616-35	ND	85.339	100.00	mg/kg		85.3		75 - 125	
	MSD	1724616-35	ND	84.685	100.00	mg/kg	0.8	84.7	20	75 - 125	
Vanadium	DUP	1724616-35	25.983	29.169		mg/kg	11.6		20		
	MS	1724616-35	25.983	117.80	100.00	mg/kg		91.8		75 - 125	
	MSD	1724616-35	25.983	114.22	100.00	mg/kg	3.1	88.2	20	75 - 125	
Zinc	DUP	1724616-35	35.237	39.560		mg/kg	11.6		20		
	MS	1724616-35	35.237	116.16	100.00	mg/kg		80.9		75 - 125	
	MSD	1724616-35	35.237	113.77	100.00	mg/kg	2.1	78.5	20	75 - 125	

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.

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Rincon Consultants
180 North Ashwood Avenue
Ventura, CA 93003

Reported: 09/12/2017 11:31
Project: Soil Samples
Project Number: 16-03318 OCTA
Project Manager: Matt Pendleton

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.
A02	The difference between duplicate readings is less than the quantitation limit.
A03	The sample concentration is more than 4 times the spike level.
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.
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.
Q01	Sample precision is not within the control limits.
Q02	Matrix spike precision is not within the control limits.
Q03	Matrix spike recovery(s) is(are) not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

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Appendix C

Soil Vapor Laboratory Report



September 1, 2017

Ms. Devin DiNapoli
Rincon Consultants, Inc.
180 North Ashwood Avenue
Ventura, CA 93003

Dear Ms. DiNapoli:

This letter presents the results of the soil vapor investigation conducted by Optimal Technology (Optimal), for Rincon Consultants, Inc. on August 31, 2017. The study was performed at 1516 Lincoln Ave., Anaheim, California.

Optimal was contracted to perform a soil vapor survey at this site to screen for possible chlorinated solvents and aromatic hydrocarbons. The primary objective of this soil vapor investigation was to determine if soil vapor contamination is present in the subsurface soil.

Gas Sampling Method

Gas sampling was performed by hydraulically pushing soil gas probes to a depth of 5.0 feet below ground surface (bgs). An electric rotary hammer drill was used to drill a 1.0-inch diameter hole through the overlying surface to allow probe placement when required. The same electric hammer drill was used to push probes in areas of resistance during placement.

At each sampling location, an electric vacuum pump set to draw 0.2 liters per minute (L/min) of soil vapor was attached to the probe and purged prior to sample collection. Vapor samples were obtained in Hamilton gas-tight syringes by puncturing tubing which connects the sampling probe and the vacuum pump. New tubing was used at each sampling point to prevent cross contamination. Samples were immediately injected into the gas chromatograph after collection.

All analyses were performed on a laboratory grade Hewlett Packard model 5890 Series II gas chromatograph equipped with a Flame Ionization Detector (FID) and an Electron Capture Detector (ECD). Restec wide bore capillary columns using hydrogen as the carrier gases were used to perform all analysis. All results were collected on a personal computer utilizing Hewlett Packard's PC based chromatographic data collection and handling system.

Quality Assurance

5-Point Calibration

The initial five-point calibration consisted of 20, 50, 100, 200 and 500 ul injections of the calibration standard. A calibration factor on each analyte was generated using a best fit line method using the HP data system. If the r^2 factor generated from this line was not greater than 0.990, an additional five-point calibration would have been performed. Method reporting limits were calculated to be 0.004-5.0 micrograms per Liter (ug/L) for the individual compounds.

A daily calibration check and end of run calibration check was performed using a pre-mixed standard supplied by Scotty Analyzed Gases. The standard contained common halogenated solvents and aromatic hydrocarbons (see Table 1). The individual compound concentrations in the standards ranged between 0.025 nanograms per microliter (ng/ul) and 0.25 ng/ul.

TABLE 1

Dichlorodifluoromethane	Carbon Tetrachloride	Chloroethane
Trichlorofluoromethane	1,2-Dichloroethane	Benzene
1,1-Dichloroethene	Trichloroethene	Toluene
Methylene Chloride	1,1,2-Trichloroethane	Ethylbenzene
trans-1,2-Dichloroethene	Tetrachloroethene	m-/p-Xylene
1,1-Dichloroethane	Chloroform	o-Xylene
cis-1,2-Dichloroethene	1,1,1,2-Tetrachloroethane	Vinyl Chloride
1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	Freon 113
4-Methyl-2-Pentanone	Cyclohexane	Acetone
Chlorobenzene	2-Butanone	Methane
Isobutane		

Sample Replicates

A replicate analysis (duplicate) was run to evaluate the reproducibility of the sampling system and instrument. The difference between samples did not vary more than 20%.

Equipment Blanks

Blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Tracer Gas Leak Test

A tracer gas was applied to the soil gas probes at each point of connection in which ambient air could enter the sampling system. These points include the top of the sampling probe where the tubing meets the probe connection and the surface bentonite seals. Isobutane was used as the tracer gas. No Isobutane was found in any of the samples collected.

Purge Volume

The standard purge volume of three volumes was purged in accordance with the July 2015 DTSC/RWQCB Advisory for Active Soil Gas Investigations.

Shut-in Test

A shut-in test was conducted prior to purging or sampling each location to check for leaks in the above-ground sampling system. The system was evaluated to a minimum measured vacuum of 100 inches of water. The vacuum gauge was calibrated and sensitive enough to indicate a water pressure change of at least 0.5 inches.

Scope of Work

To achieve the objective of this investigation a total of 13 vapor samples were collected from 12 locations at the site. Sampling depths, vacuum readings, purge volume and sampling volumes are given on the analytical results page. All the collected vapor samples were analyzed on-site using Optimal's mobile laboratory.

Subsurface Conditions

Subsurface soil conditions at this site offered sampling flows at 0-20" water vacuum. Depth to groundwater was unknown at the time of the investigation.

Results

During this vapor investigation, three samples contained levels of Methane ranging from 5.45 ug/L to 162.35 ug/L. Two samples contained levels of Trichloroethene (TCE) ranging from 0.18 ug/L to 1.09 ug/L. None of the other compounds listed in Table 1 above were detected above the listed reporting limits. A complete table of analytical results is included with this report.

Disclaimer

All conclusions presented in this letter are based solely on the information collected by the soil vapor survey conducted by Optimal Technology. Soil vapor testing is only a subsurface screening tool and does not represent actual contaminant concentrations in either the soil and/or groundwater. We enjoyed working with you on this project and look forward to future projects. If you have any questions please contact me at (877) 764-5427.

Sincerely,



John Rice
Project Manager



SOIL VAPOR RESULTS

Date: 8/31/17

Inst. ID: HP-5890 Series II

Detectors: FID and ECD

Page: 1 of 2

BLANK-1	SV-2	SV-3	SV-1	SV-4	SV-5	SV-6	SV-7
N/A	5.0	5.0	5.0	5.0	5.0	5.0	5.0
N/A	1,500	1,500	1,500	1,500	1,500	1,500	1,500
N/A	0	0	0	20	0	0	0
50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
1	1	1	1	1	1	1	1

[illegible]

Note: ND = Below Listed Reporting Limit
1667 Cross Bridge Place, Thousand Oaks, CA 91362 • Toll Free (877) SOIL GAS (764-5427) • (818) 734-6230 • Fax (818) 734-6235



SOIL VAPOR RESULTS

Date: 8/31/17

Inst. ID: HP-5890 Series II

Detectors: FID and ECD

Page: 2 of 2

SV-8	SV-9	SV-10	SV-11	SV-12	SV-12 Dup		
5.0	5.0	5.0	5.0	5.0	5.0		
1,500	1,500	1,500	1,500	1,500	1,500		
0	0	0	0	0	0		
50,000	50,000	50,000	50,000	50,000	50,000		
1	1	1	1	1	1		

[illegible]

Note: ND = Below Listed Reporting Limit

APPENDIX H3

HAZARDOUS BUILDING MATERIAL SURVEY