



24 de febrero de 2025

Enrique Casas
Junta Regional de Control de Calidad del Agua de Los Ángeles
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Ref.: Orden de Investigación No. R4-2024-0010
Junta Regional de Control de Calidad del Agua de Los Ángeles

Estimado Sr. Casas:

Esta presentación fue elaborada por Chiquita Canyon, LLC ("Chiquita") para la Junta Regional de Control de Calidad del Agua de Los Ángeles (la "Junta Regional"), como lo requiere la Orden de Investigación No. R4-2024-0010 (la "Orden"), emitida por la Junta Regional el 20 de marzo de 2024. En cumplimiento con las Condiciones 1(g) y (j) de la Orden, Chiquita produce la siguiente información relacionada con las tormentas ocurridas el 25 de enero de 2025, que dieron como resultado una descarga en la Cuenca de Detención del Sur (la "Cuenca").

I. Evaluación del Evento Después de la Tormenta y Análisis de la Cubierta Geosintética

La Condición 1(g) de la Orden indica lo siguiente:

Para tormentas que producen una descarga en la cuenca de sedimentación, se deben presentar una evaluación y un informe del evento después de la tormenta sobre la efectividad de la cubierta geosintética que será instalada sobre una parte del área impactada por la reacción para evitar que se mezclen lixiviados con las aguas pluviales hasta que se haya resuelto la condición de temperatura del Vertedero elevado. Este informe debe ser presentado dentro de los 30 días después del primer día del evento de tormentas que produjo una descarga.

El 25 de enero de 2025 comenzó un evento de tormenta que causó una descarga hacia la Cuenca por las entradas este y oeste el 26 de enero de 2025. No hubo descargas que salieran de la Cuenca. Chiquita siguió el protocolo según su Plan de Prevención de Contaminación de Desechos Pluviales ("SWPPP") actualizado y las mejores prácticas de gestión relacionadas, incluso las detalladas en la Sección 6.6 del SWPPP, para minimizar y evitar la migración de escurrimientos de lixiviados hacia los canales de descarga en el sitio, las entradas de drenaje y las entradas a la Cuenca. Chiquita también tomó muestras en cumplimiento con la Condición 1(j) como se indica a continuación.

La zona reactiva del vertedero se cubrió totalmente con 45 acres de cubierta de geomembrana de polietileno de alta densidad de 30 mils (la "cubierta") para reducir las emisiones superficiales del vertedero, evitar la erosión de suelo y mitigar que los lixiviados se mezclen con el escurrimiento de aguas pluviales. Además, se realizan inspecciones dos veces

Sr. Enrique Casas

Junta Regional de Control de Calidad del Agua de Los Ángeles

al día en esta área para evaluar la efectividad de la cubierta, que incluye identificar cualquier filtración de lixiviados, problemas con la integridad de la cubierta o descargas de aguas pluviales hacia y desde la Cuenca. Al momento del evento de descarga, se observó que la cubierta es efectiva para evitar que se mezclen los lixiviados con el escurrimiento de aguas pluviales, entre sus otros propósitos previstos.

II. Análisis de las Muestras de Descarga

La Condición 1(j) de la Orden indica lo siguiente:

El Extractor deberá tomar muestras y presentar el análisis de cualquier y toda descarga que ingresa o sale de la cuenca de sedimentación del sur. Los analitos deben incluir los parámetros identificados en las pautas de limitación de efluentes del Subcapítulo N, Subparte B - RCRA Subtítulo D Vertederos de Desechos No Peligrosos, Mpars. parámetros. El Extractor debe tomar muestras de acuerdo con el Permiso Industrial General que incluye los requerimientos relacionados con TMDL en el Adjunto E y los constituyentes del Apéndice II. Todos los resultados deben ser presentados a la Junta del Agua de Los Ángeles dentro de los 30 días desde el primer día del evento de descarga.

Según la Condición 1(j) de la Orden, Chiquita tomó muestras de la descarga hacia la Cuenca de las entradas este y oeste el 26 de enero de 2025. Los resultados se adjuntan a este documento como Adjunto A. Para tener en cuenta, se notaron las siguientes discrepancias en los resultados:

- Los viales de los Análisis de Orgánicos Volátiles para analizar compuestos orgánicos volátiles ("VOCs") tomados durante el evento de muestreo no fueron tomados como corresponde por el consultor de aguas pluviales de Chiquita y por lo tanto no pudieron ser analizados. Como abundancia de precaución, se tomó una segunda muestra de VOCs el 28 de enero de 2025, cuyos resultados se adjuntan a este documento como Adjunto B.
- Como informó el consultor de aguas pluviales de Chiquita, debido a un error en el medidor, no se informó el pH para la "Cuenca Sur - Entrada Oeste".
- El consultor de aguas pluviales de Chiquita no tomó muestras correctamente de las Bacterias en la ubicación de la "Cuenca Sur - Entrada Este" y por lo tanto no pudieron analizarse.
- Los resultados de los métodos 8081, 8151 y 8720 están demorados con el laboratorio y siguen pendientes. Estos resultados serán informados cuando estén disponibles.

Desde ese momento Chiquita ha contratado a un nuevo consultor de aguas pluviales para que realice las futuras tomas de muestras de aguas pluviales en el vertedero, para evitar con esperanzas que ocurran estos mismos problemas en el futuro.

* * * * *

Atentamente

Steven J Cassulo

Steve Cassulo Gerente
de Distrito de Chiquita
Canyon, LLC

Sr. Enrique Casas

Junta Regional de Control de Calidad del Agua de Los Ángeles

Adjunto A - Resultados de la Primera Toma de Muestras (para el 24-01-2025)

Adjunto B - Resultados de Segunda la Toma de Muestras (para el 28-01-2025)

cc: (por e-mail)

Nicole Ward, Chiquita

Amanda Froman, Chiquita

Robert Ragland, Departamento de Salud Pública del Condado de Los Ángeles

Liza Frías, Departamento de Salud Pública del Condado de Los Ángeles

Nichole Quick, M.D., Departamento de Salud Pública del Condado de Los Ángeles

Shikari Nakagawa-Ota, Departamento de Salud Pública del Condado de Los Ángeles

Ken Habaradas, Departamento de Salud Pública del Condado de Los Ángeles

Karen Gork, LEA

Eric Morofuji, LEA

Renee Jensen, Consejera de la LEA

Blaine McPhillips, Consejero del Condado

Emiko Thompson, Obras Públicas del Condado de Los Ángeles

Alex García, Departamento de Planificación Regional del Condado de Los Ángeles

Ai-Viet Huynh, Departamento de Planificación Regional del Condado de Los Ángeles

Wes Mindermann, CalRecycle

Janelle Heinzler, CalRecycle

Jeff Lindberg, Junta de Recursos de Aire de California

Vanessa Águila, Junta de Recursos de Aire de California

Jack Cheng, Distrito de Gestión de la Calidad del Aire de la Costa Sur

Larry Israel, Distrito de Gestión de la Calidad del Aire de la Costa Sur

Thanne Berg, Agencia de Protección Ambiental de Estados Unidos

February 19, 2025

Lab No. : SP 2501188**Customer No. : 2028560**

Chiquita Canyon, LLC
 Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Laboratory Report

Introduction: This report package contains a total of 9 pages divided into 3 sections:

Case Narrative	(1 page)	: An overview of the work performed at FGL.
Sample Results	(6 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab No.	Matrix
South Basin-Western Inlet	01/26/2025	01/26/2025	SP 2501188-001	STM
South Basin-Western Inlet	01/26/2025	01/27/2025	SP 2501188-001	STM
South Basin-Eastern Inlet	01/26/2025	01/27/2025	SP 2501188-003	STM
South Basin-Eastern Inlet	01/26/2025	01/26/2025	SP 2501188-003	STM

Sampling and Receipt Information:

All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples were received, prepared and analyzed within the method specified holding times. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the associated Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary

EPA 1664A	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 200.7	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 300.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 2540 D	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)

Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature. This report shall not be reproduced except in full, without the written approval of the laboratory.

KD: RDM

Approved By **Kelly A. Dunnahoo, B.S.**
 Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2025-02-19

February 19, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin-Western Inlet

Project : Chiquita Canyon Landfill-IGP

Lab No. : SP 2501188-001

Customer No. : 2028560

Sampled On : January 26, 2025 at 09:30

Sampled By : Blanca H/Isaac H

Received On : January 26, 2025 at 12:20

Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
Metals, Total							Date	Time	Who	Method	Date	Time	Who
Iron	7.96	0.05	0.0059	mg/L	1		02/03/2025	07:00	ejc	EPA 200.7	02/04/2025	18:04	ac
Wet Chemistry													
Chloride	39.3	1	0.085	mg/L	1	b	02/17/2025	08:15	ldm	EPA 300.0	02/17/2025	19:43	ldm
Oil and Grease	ND	3	1.6	mg/L	1	U1	02/03/2025	15:47	amm	EPA 1664A	02/04/2025	14:18	amm
Solids, Total Suspended (TSS)	1360	40	22	mg/L	40		01/28/2025	09:25	sta	SM 2540 D	01/29/2025	15:04	sta

DQF Flags Definition:

- b The Blank was positive for constituent but less than the PQL
- U Constituent results were non-detect.
- 1 The MS/MSD did not meet QC criteria.

ND=Non-Detected, RL=Reporting Level

February 19, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin-Western Inlet
Project : Chiquita Canyon Landfill-IGP

Lab No. : SP 2501188-001
Customer No. : 2028560

Sampled On : January 26, 2025 at 09:30
Sampled By : Blanca H/Isaac H
Received On : January 27, 2025 at 09:45
Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
Metals, Total							Date	Time	Who	Method	Date	Time	Who
Iron	7.96	0.05	0.0059	mg/L	1		02/03/2025	07:00	ejc	EPA 200.7	02/04/2025	18:04	ac
Wet Chemistry													
Chloride	39.3	1	0.085	mg/L	1	b	02/17/2025	08:15	ldm	EPA 300.0	02/17/2025	19:43	ldm
Oil and Grease	ND	3	1.6	mg/L	1	U1	02/03/2025	15:47	amm	EPA 1664A	02/04/2025	14:18	amm
Solids, Total Suspended (TSS)	1360	40	22	mg/L	40		01/28/2025	09:25	sta	SM 2540 D	01/29/2025	15:04	sta

DQF Flags Definition:

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ND=Non-Detected, RL=Reporting Level

February 19, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin-Eastern Inlet

Project : Chiquita Canyon Landfill-IGP

Lab No. : SP 2501188-003

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
							Date	Time	Who	Method	Date	Time	Who
Metals, Total													
Iron	724	1.25	0.15	mg/L	30		02/04/2025	09:00	ejc	EPA 200.7	02/10/2025	11:39	ac
Wet Chemistry													
Chloride	67.6	1	0.085	mg/L	1		02/17/2025	13:24	ldm	EPA 300.0	02/17/2025	18:24	ldm
Oil and Grease	ND	3	1.6	mg/L	1	U1	02/03/2025	15:47	amm	EPA 1664A	02/04/2025	14:18	amm
Solids, Total Suspended (TSS)	42100	330	180	mg/L	300		01/28/2025	09:25	sta	SM 2540 D	01/29/2025	15:04	sta

DQF Flags Definition:

- U Constituent results were non-detect.
- 1 The MS/MSD did not meet QC criteria.

February 19, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Description : South Basin-Eastern Inlet
 Project : Chiquita Canyon Landfill-IGP

Lab No. : SP 2501188-003
Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30
 Sampled By : Blanca H/Isaac H
 Received On : January 27, 2025 at 09:45
 Matrix : Stormwater

Sample Results - Field Test

Constituent	Result	RL	Units	Note	Sample Preparation		Sample Analysis	
Field Test					Method	Date Time	Method	Date Time
pH (Field)	8.29		units			01/26/2025 15:30	4500HB	01/26/2025 15:30

ND=Non-Detected, RL=Reporting Level

February 19, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin-Eastern Inlet

Project : Chiquita Canyon Landfill-IGP

Lab No. : SP 2501188-003

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 26, 2025 at 12:20

Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
							Date	Time	Who	Method	Date	Time	Who
Metals, Total													
Iron	724	1.25	0.15	mg/L	30		02/04/2025	09:00	ejc	EPA 200.7	02/10/2025	11:39	ac
Wet Chemistry													
Chloride	67.6	1	0.085	mg/L	1		02/17/2025	13:24	ldm	EPA 300.0	02/17/2025	18:24	ldm
Oil and Grease	ND	3	1.6	mg/L	1	U1	02/03/2025	15:47	amm	EPA 1664A	02/04/2025	14:18	amm
Solids, Total Suspended (TSS)	42100	330	180	mg/L	300		01/28/2025	09:25	sta	SM 2540 D	01/29/2025	15:04	sta

DQF Flags Definition:

U Constituent results were non-detect.

1 The MS/MSD did not meet QC criteria.

February 19, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin-Eastern Inlet

Project : Chiquita Canyon Landfill-IGP

Lab No. : SP 2501188-003

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 26, 2025 at 12:20

Matrix : Stormwater

Sample Results - Field Test

Constituent	Result	RL	Units	Note	Sample Preparation		Sample Analysis	
Field Test					Method	Date Time	Method	Date Time
pH (Field)	8.29		units			01/26/2025 15:30	4500HB	01/26/2025 15:30

ND=Non-Detected, RL=Reporting Level

February 19, 2025
Chiquita Canyon Landfill

Lab No. : SP 2501188
 Customer No. : 2028560

Quality Control - Metals

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Iron	200.7	02/03/2025:201179EJC (VI 2540658-002)	Blank	mg/L		ND	<0.05	
			LCS	mg/L	4.000	102%	85-115	
			MS	mg/L	4.000	100%	75-125	
			MSD	mg/L	4.000	97.6%	75-125	
			MSRPD	mg/L		2.7%	≤20	
		(VI 2540661-002)	MS	mg/L	4.000	103%	75-125	
			MSD	mg/L	4.000	102%	75-125	
			MSRPD	mg/L		0.4%	≤20	
		02/04/2025:201252EJC (VI 2540763-003)	Blank	mg/L		ND	<0.05	
			LCS	mg/L	4.000	106%	85-115	
			MS	mg/L	4.000	112%	75-125	
			MSD	mg/L	4.000	98.5%	75-125	
			MSRPD	mg/L		12.4%	≤20	
		(VI 2540763-002)	MS	mg/L	4.000	110%	75-125	
			MSD	mg/L	4.000	104%	75-125	
			MSRPD	mg/L		5.4%	≤20	

Definition

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.

ND : Non-detect - Result was below the DQO listed for the analyte.

Quality Control - Wet Chem

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Oil and Grease	1664A	02/03/2025:201056AMM (SP 2501415-001)	Blank	mg/L		ND	<3	
			LCS	mg/L	44.89	85.6%	78-114	
			MS	mg/L	42.53	60.1%	78-114	435
			MSD	mg/L	42.53	79.5%	78-114	
			MSRPD	mg/L		26.4%	≤18	435
Solids, Suspended	2540D	01/28/2025:200968STA (SP 2501188-003) (SP 2501188-001)	Blank	mg/L		ND	<1	
			LCS	mg/L	50.00	90.0%	70-115	
			LCS	mg/L	50.00	82.0%	70-115	
			Dup	mg/L		18.8%	20	
			Dup	mg/L		4.51%	20	
Chloride	300.0	02/17/2025:201779LDM	Blank	mg/L		ND	<1	
	300.0	02/17/2025:201781LDM	Blank	mg/L		ND	<1	
			LCS	mg/L	25.00	99.6%	90-110	
	300.0	02/17/2025:201779LDM	LCS	mg/L	25.00	100%	90-110	
			MS	mg/L	50.00	94.6%	67-117	
	300.0	02/17/2025:201781LDM	MS	mg/L	50.00	98.3%	67-117	
		(STK2531382-001)	MSD	mg/L	50.00	98.0%	67-117	
	300.0	(STK2531285-001)	MSD	mg/L	50.00	95.8%	67-117	
	300.0	02/17/2025:201781LDM	MSRPD	mg/L		0.2%	≤7	
	300.0	02/17/2025:201779LDM	MSRPD	mg/L		0.7%	≤7	
			MS	mg/L	50.00	98.8%	67-117	
	300.0	02/17/2025:201781LDM	MS	mg/L	50.00	87.6%	67-117	
		(VI 2541046-001)	MSD	mg/L	50.00	88.5%	67-117	
	300.0	(VI 2540845-002)	MSD	mg/L	50.00	99.1%	67-117	
			MSRPD	mg/L		0.2%	≤7	
	300.0	02/17/2025:201781LDM	MSRPD	mg/L		0.5%	≤7	

Definition

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
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January 30, 2025

Chiquita Canyon, LLC
 Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Coliform Bacteria Analysis

Lab No. : SP 2501188 1,2

Customer No. : 2028560

System Number : N/A

Project Name : Chiquita Canyon Landfill-IGP

Analytical Results

ID	Sample Description	Total	Fecal	E. Coli	Units	Method	Prep	Footnote
1	South Basin-Western Inlet	35000	17000	---	MPN/100ml	SM 9221B	LTB-Series AQ	
2	South Basin-Western Inlet-Dup	>24196	---	9208	MPN/100ml	SM 9223B	QTray 2000	

N/R Not Required

MPN Most Probable Number

A/P Absence/Presence

Result Interpretation

The sample(s) listed above are Waste-Other

ID 2) South Basin-Western Inlet-Dup: Total Coliform by SM 9223B wastewater results cannot be used for compliance.***

*** California ELAP does not offer certification for Total Coliform by SM 9223B wastewater.

Sample Handling Information

ID	Sample Number	System Number	Sample Type/Reason	Sampler	Employed By	Sampled
1	SP 2501188-001	N/A	Waste-Other	Blanca H/Isaac H	Chiquita Canyon Land	2025-01-26 09:30
2	SP 2501188-002	N/A	Waste-Other	Blanca H/Isaac H	Chiquita Canyon Land	2025-01-26 09:30

Field Analysis/QA Information

ID	Sample Description	Cl Total/Free	Temp	Analysis Started	Analysis Completed	Contact	Contacted
		mg/l					
1	South Basin-Western Inlet	---/---	---	2025-01-26 12:58 abl	2025-01-28 12:01 abl	N/R	
2	South Basin-Western Inlet-Dup	---/---	---	2025-01-26 12:51 abl	2025-01-27 14:55 eam	N/R	

Analyses were performed at the FGL Santa Paula Laboratory using Standard Methods 20th edition. If you have any questions regarding your results, please call. The FGL Santa Paula Laboratory is certified by California ELAP #1573 and accredited to ISO/IEC 17025:2017 by PJLA certificate #75605, Testing.

Prepared By: RRH

Reviewed and
Approved By

Raquel R. Harvey



Digitally signed by Raquel R. Harvey
Title: Tech Director Microbiology
Date: 2025-01-30

				6278:01/06/2025		TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information															
Client: Chiquita Canyon Landfill Address: Chiquita Canyon, LLC 29201 Henry Mayo Dr. Castaic, CA 91384 Phone: (425)414-2903 Fax: Contact Person: Matt Breuer Project Name: Chiquita Canyon Landfill-IGP Purchase Order Number: Quote Number: SP 20241121-05				Method of Sampling: Composite(C) Grab(G) Type of Sample: **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)		Coliform - LTB Series 25 Tube 250ml(PBa)-Na2S2O3 Metals, Total-Fe 250ml(P)-HNO3 Wet Chemistry-TSS 1000ml(P) Wet Chemistry-Cl 16oz(P) Wet Chemistry-Oil&Grease-1664 32oz(AGJ)-H2SO4 Field Test-Field pH !!pH = 15 MINUTE HOLD TIME!! Field - pH Date Field - pH Time Coliform-QTray 2000 ***Shares Volume with LTB Series 25 Tube***															
																Sampler(s) BLANCA HOFFMEIER ISAAC HOFFMEIER Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____					
																		Lab Number: SP 2501188 2-28560			
Samp Num	Location Description	Date Sampled	Time Sampled	G	STM																
1	South Basin-Western Inlet	1/26/25	9:30am	G	STM				1	1	1	1	1	1	ERROR	N/A					
2	South Basin-Western Inlet-Dup	1/26/25	9:30am	G	STM											X					
3	South Basin-Eastern Inlet	1/26/25	3:30pm	G	STM				1	1	1	1	1	8.29	1/26	3:45					
4	South Basin-Eastern Inlet-Dup	1/26/25	3:30pm	G	STM											X					
Remarks: ***NOTE: Duplicates Required for Coliform Reporting***				Relinquished		Date:		Time:		Relinquished		Date:		Time:		Relinquished		Date:		Time:	
				BLANCA HOFFMEIER 1/27/25 9:45am																	
				Received By:		Date:		Time:		Received By:		Date:		Time:		Received By:		Date:		Time:	
				MLC 1/27/25 9:45																	

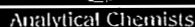
Corporate Offices & Laboratory
 853 Corporation Street
 Santa Paula, CA 93060
 Phone: (805) 392-2000
 Env Fax: (805) 525-4172 / Ag Fax: (805) 392-2063

Office & Laboratory
 2500 Stagecoach Road
 Stockton, CA 95215
 Phone: (209) 942-0182
 Fax: (209) 942-0423

Office & Laboratory
 563 E. Lindo
 Chico, CA 95926
 Phone: (530) 343-5818
 Fax: (530) 343-3807

Office & Laboratory
 3442 Empresa Drive, Suite D
 San Luis Obispo, CA 93401
 Phone: (805) 783-2940
 Fax: (805) 783-2912

Office & Laboratory
 9411 W. Goshen Avenue
 Visalia, CA 93291
 Phone: (559) 734-9473
 Fax: (559) 734-8435



CHAIN OF CUSTODY
www.fglinc.com

6278:01/06/2025						TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information																		
Cknt: Chiquita Canyon Landfill Address: Chiquita Canyon, LLC 29201 Henry Mayo Dr. Castaic, CA 91384 Phone: (425)414-2903 Fax: Contact Person: Matt Breuer Project Name: Chiquita Canyon Landfill-IGP Purchase Order Number: Quote Number: SP 20241121-05																								
Sampler(s) BLANCA HOFFMEIER																								
Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____																								
Lab Number: SP 2501196 2-28560																								
Samp Num	Location Description	Date Sampled	Time Sampled	Method of Sampling: Composite(C) Grab(G)	Type of Sample **SEE REVERSE SIDE**	Potable(P)	Non-Potable(NP)	Ag Water(AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Coliform - LTB Series 25 Tube 250ml(PBa)-Na2S2O3	Metals, Total-Fc 250ml(P)-HNO3	Wet Chemistry-TSS 1000ml(P)	Wet Chemistry-CI 16oz(P)	Wet Chemistry-Oil&Grease-1664 32oz(AGI)-H2SO4	Field Test-Field pH !!pH = 15 MINUTE HOLD TIME!!	Field - pH Date	Field - pH Time	Coliform-QTray 2000	***Shares Volume with LTB Series 25 Tube***				
1	South Basin-Western Inlet	1/26/25	9:30am	G	STM						1	1	1	1	1	"EREOE"	1/26	9:45						
2	South Basin-Western Inlet-Dup			G	STM														X					
3	South Basin-Eastern Inlet			G	STM						1	1	1	1	1									
4	South Basin-Eastern Inlet-Dup			G	STM														X					
Remarks: ***NOTE: Duplicates Required for Coliform Reporting*** Metals/wet chem samples not delivered per Blanca Hoffmeier - ABL						Relinquished Date: 1/26/2025 Time: 12:00 pm Received By: FGL Cooler Date: 1/26/25 Time: 1200																		
						Relinquished Date: 1/26/25 Time: 1220 Received By: Anthony Leal Date: 1/26/25 Time: 1220																		

Office & Laboratory
9411 W. Goshen Avenue
Visalia, CA 93291
Phone: (559) 734-9473
Fax: (559) 734-8435

Condition Upon Receipt (Attach to COC) SP 2501188

Sample Receipt at SP:

1. Number of ice chests/packages received: OTC
2. Shipper tracking number(s) _____
3. Temp IR Gun ID#: TH268
4. Were samples received on Ice? ☒ Yes ☐ No Temps: ROI / 11C / 14C / _____ / _____ / _____
5. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
6. Do the number of bottles received agree with the COC? ☒ Yes ☐ No **N/A**
7. Verify sample date, time, sampler ☒ Yes ☐ No
8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ☒ Yes ☐ No
2. Did bottle labels correspond with the client's ID's? ☒ Yes ☐ No
3. Were all bottles requiring sample preservation properly preserved? ☒ Yes ☐ No **N/A** **FGL**
[Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? ☒ Yes ☐ No ☐ N/A
5. Were all analyses within holding times at time of receipt? ☒ Yes ☐ No
6. Have rush or project due dates been checked and accepted? ☒ Yes ☐ No ☐ N/A

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: _____

Reviewed and
Approved By

Matthew Casas



Digitally signed by Matthew Casas
Title: Sample Receiving
Date: 02/19/2025-15:41:32

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: Blanca Hoffmeier Phone Number: _____
- Initiated By: MDC Date: _____
- Problem: **Missing bacti sample containers for samples 3 & 4**

Resolution: **Per Blanca, this was not collected.**

2. Person Contacted: _____ Phone Number: _____
- Initiated By: _____ Date: _____
- Problem: _____

Resolution: _____

(2028560)
Chiquita Canyon Landfill
SP 2501188
MDC-02/19/2025-15:41:32

February 11, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Subject: Subcontract Analysis for FGL Lab No. SP 2501205

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-EPA 625.1 Semi VOA EXTENDED LIST a- Terpeneol, p-Cresol, Napthalene, Benzoic AcidPyridine and Phenol

Please note that this analysis was performed by Weck Laboratories, Inc. (ELAP Certified Laboratory)

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre  Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2025-02-11

Enclosure

Work Order 5A29073

Project Name: FGL Environmental

Project Number: SP 2501205

P.O. #:

Attn: Cindy Aguirre

Client: FGL Environmental
853 Corporation Street
Santa Paula, CA 93060

Report Date: 2/10/2025

Received Date: 1/29/2025 11:30 am

Turnaround Time: Normal

Billing Code:

Phones: (805) 392-2012

Fax: (805) 525-4172

Sample Conditions

Temperature	1.80 C	
COC present	✓	COC completed properly ✓
COC matches sample labels	✓	Wet ice ✓
Blue ice		Sample(s) intact ✓
Sample(s) using proper containers	✓	Sample(s) have sufficient sample volume ✓
Sample(s) received within hold time	✓	Sample(s) labels have correct preservation ✓
Sample(s) have acceptable pH	✓	Sample(s) have acceptable CI ✓

Sample Results

Sample: South Basin - Western Inlet

5A29073-01 (Water)

Sampled: 01/26/25 9:30 by Blanca H / Isaac H

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Acid and Base/Neutral Extractables by GC/MS

Method: EPA 625.1

Instr: GCMS06

Batch ID: W5A2115

Preparation: EPA 625/L-L SF

Prepared: 01/31/25 10:06

Analyst: rmr

3 & 4-Methylphenol	ND	13	25	ug/l	1	02/07/25	M-02
alpha-Terpineol	19	11	25	ug/l	1	02/07/25	J, M-02
Benzoic acid	ND	120	2500	ug/l	1	02/07/25	M-02
Naphthalene	ND	12	25	ug/l	1	02/07/25	M-02
Phenol	ND	3.5	25	ug/l	1	02/07/25	M-02
Pyridine	ND	45	120	ug/l	1	02/07/25	M-02

Surrogate(s)

2,4,6-Tribromophenol	98%	25-120	Conc: 976	02/07/25
2-Fluorobiphenyl	92%	22-120	Conc: 462	02/07/25
2-Fluorophenol	56%	17-120	Conc: 564	02/07/25
Nitrobenzene-d5	95%	47-120	Conc: 475	02/07/25
Phenol-d5	35%	12-120	Conc: 346	02/07/25
Terphenyl-d14	128%	44-129	Conc: 641	02/07/25

Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: South Basin - Western Inlet

(Continued)

5A29073-01 (Water)

Sampled: 01/26/25 9:30 by Blanca H / Isaac H

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Method: EPA 625.1			Instr: GCMS06				
Batch ID: W5A2115		Preparation: EPA 625/L-L SF		Prepared: 01/31/25 10:06			Analyst: rmr

Sample: South Basin - Eastern Inlet

5A29073-02 (Water)

Sampled: 01/26/25 15:30 by Blanca H / Isaac H

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Acid and Base/Neutral Extractables by GC/MS

Method: EPA 625.1			Instr: GCMS06				
Batch ID: W5A2115		Preparation: EPA 625/L-L SF		Prepared: 01/31/25 10:06			Analyst: rmr
3 & 4-Methylphenol	ND	25	50	ug/l	2	02/07/25	M-02, M-04
alpha-Terpineol	ND	22	50	ug/l	2	02/07/25	M-02, M-04
Benzoic acid	ND	230	5000	ug/l	2	02/07/25	M-02, M-04
Naphthalene	ND	24	50	ug/l	2	02/07/25	M-02, M-04
Phenol	ND	7.0	50	ug/l	2	02/07/25	M-02, M-04
Pyridine	ND	90	250	ug/l	2	02/07/25	M-02, M-04
<i>Surrogate(s)</i>							
2,4,6-Tribromophenol	88%		25-120	Conc: 880		02/07/25	
2-Fluorobiphenyl	82%		22-120	Conc: 408		02/07/25	
2-Fluorophenol	53%		17-120	Conc: 528		02/07/25	
Nitrobenzene-d5	87%		47-120	Conc: 436		02/07/25	
Phenol-d5	31%		12-120	Conc: 313		02/07/25	
Terphenyl-d14	99%		44-129	Conc: 497		02/07/25	

Quality Control Results

Acid and Base/Neutral Extractables by GC/MS

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Qualifier
Blank (W5A2115-BLK1)					Prepared: 01/31/25 Analyzed: 02/06/25				
1,2,4-Trichlorobenzene	ND	0.49	1.0	ug/l					
1,2-Dichlorobenzene	ND	0.46	1.0	ug/l					
1,2-Diphenylhydrazine/Azobenzene	ND	0.30	1.0	ug/l					
1,3-Dichlorobenzene	ND	0.42	1.0	ug/l					
1,3-Dinitrobenzene	ND	0.21	1.0	ug/l					
1,4-Dichlorobenzene	ND	0.48	1.0	ug/l					
1-Methylnaphthalene	ND	0.47	1.0	ug/l					
2,4,5-Trichlorophenol	ND	0.23	1.0	ug/l					
2,4,6-Trichlorophenol	ND	0.22	1.0	ug/l					
2,4-Dichlorophenol	ND	0.26	1.0	ug/l					
2,4-Dimethylphenol	ND	0.76	1.0	ug/l					
2,4-Dinitrophenol	ND	4.4	10	ug/l					
2,4-Dinitrotoluene	ND	0.46	1.0	ug/l					
2,6-Dinitrotoluene	ND	0.27	1.0	ug/l					
2-Chloronaphthalene	ND	0.45	1.0	ug/l					
2-Chlorophenol	ND	0.28	1.0	ug/l					
2-Methyl-4,6-dinitrophenol	ND	2.4	5.0	ug/l					
2-Methylnaphthalene	ND	0.49	1.0	ug/l					
2-Methylphenol	ND	0.48	1.0	ug/l					
2-Nitroaniline	ND	0.44	1.0	ug/l					
2-Nitrophenol	ND	0.26	1.0	ug/l					
3 & 4-Methylphenol	ND	0.50	1.0	ug/l					
3,3'-Dichlorobenzidine	ND	2.5	5.0	ug/l					
3-Nitroaniline	ND	0.26	1.0	ug/l					
4-Bromophenyl phenyl ether	ND	0.36	1.0	ug/l					
4-Chloro-3-methylphenol	ND	0.23	1.0	ug/l					
4-Chloroaniline	ND	0.48	1.0	ug/l					
4-Chlorophenyl phenyl ether	ND	0.41	1.0	ug/l					
4-Nitroaniline	ND	0.41	1.0	ug/l					
4-Nitrophenol	ND	1.2	5.0	ug/l					
Acenaphthene	ND	0.38	1.0	ug/l					
Acenaphthylene	ND	0.35	1.0	ug/l					
Aniline	ND	0.66	1.0	ug/l					
Anthracene	ND	0.41	1.0	ug/l					
Benzidine	ND	3.2	10	ug/l					
Benzo (a) anthracene	ND	0.46	1.0	ug/l					
Benzo (a) pyrene	ND	0.82	1.0	ug/l					
Benzo (b) fluoranthene	ND	0.46	1.0	ug/l					

Quality Control Results

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	Limit	RPD	Limit	Qualifier
Blank (W5A2115-BLK1)					Prepared: 01/31/25 Analyzed: 02/06/25						
Benzo (g,h,i) perylene	ND	0.42	2.0	ug/l							
Benzo (k) fluoranthene	ND	0.72	1.0	ug/l							
Benzoic acid	ND	4.6	100	ug/l							
Benzyl alcohol	ND	0.26	1.0	ug/l							
Bis(2-chloroethoxy)methane	ND	0.25	1.0	ug/l							
Bis(2-chloroethyl)ether	ND	0.27	1.0	ug/l							
Bis(2-chloroisopropyl) ether	ND	0.38	1.0	ug/l							
Bis(2-ethylhexyl)phthalate	ND	2.3	5.0	ug/l							
Butyl benzyl phthalate	ND	0.49	1.0	ug/l							
Carbazole	ND	0.20	1.0	ug/l							
Chrysene	ND	0.19	1.0	ug/l							
Dibenzo (a,h) anthracene	ND	0.60	2.0	ug/l							
Dibenzofuran	ND	0.37	1.0	ug/l							
Diethyl phthalate	ND	0.35	1.0	ug/l							
Dimethyl phthalate	ND	0.18	1.0	ug/l							
Di-n-butyl phthalate	ND	0.34	1.0	ug/l							
Di-n-octyl phthalate	ND	0.46	1.0	ug/l							
Fluoranthene	ND	0.35	1.0	ug/l							
Fluorene	ND	0.35	1.0	ug/l							
Hexachlorobenzene	ND	0.24	1.0	ug/l							
Hexachlorobutadiene	ND	0.47	1.0	ug/l							
Hexachlorocyclopentadiene	ND	1.5	5.0	ug/l							
Hexachloroethane	ND	0.50	1.0	ug/l							
Indeno (1,2,3-cd) pyrene	ND	0.66	2.0	ug/l							
Isophorone	ND	0.21	1.0	ug/l							
Naphthalene	ND	0.49	1.0	ug/l							
Nitrobenzene	ND	0.36	1.0	ug/l							
N-Nitrosodimethylamine	ND	0.50	1.0	ug/l							
N-Nitrosodi-n-propylamine	ND	0.26	1.0	ug/l							
N-Nitrosodiphenylamine	ND	0.19	1.0	ug/l							
Pentachlorophenol	ND	0.40	1.0	ug/l							
Phenanthrene	ND	0.32	1.0	ug/l							
Phenol	ND	0.14	1.0	ug/l							
Pyrene	ND	0.25	1.0	ug/l							
Pyridine	ND	1.8	5.0	ug/l							
<i>Surrogate(s)</i>											
2,4,6-Tribromophenol	37.5			ug/l	40.0		94	25-120			

Quality Control Results

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Blank (W5A2115-BLK1)					Prepared: 01/31/25 Analyzed: 02/06/25						
Surrogate(s)											
2-Fluorobiphenyl	17.5			ug/l	20.0		87	22-120			
2-Fluorophenol	23.8			ug/l	40.0		59	17-120			
Nitrobenzene-d5	17.7			ug/l	20.0		88	47-120			
Phenol-d5	14.8			ug/l	40.0		37	12-120			
Terphenyl-d14	27.2			ug/l	20.0		136	44-129			S-17
LCS (W5A2115-BS1)					Prepared: 01/31/25 Analyzed: 02/06/25						
1,2,4-Trichlorobenzene	17.0	0.49	1.0	ug/l	20.0		85	57-130			
1,2-Dichlorobenzene	15.9	0.46	1.0	ug/l	20.0		79	57-120			
1,3-Dichlorobenzene	15.4	0.42	1.0	ug/l	20.0		77	55-120			
1,4-Dichlorobenzene	15.5	0.48	1.0	ug/l	20.0		78	55-120			
2,4,6-Trichlorophenol	17.7	0.22	1.0	ug/l	20.0		88	52-129			
2,4-Dichlorophenol	18.0	0.26	1.0	ug/l	20.0		90	53-122			
2,4-Dimethylphenol	19.2	0.76	1.0	ug/l	20.0		96	42-120			
2,4-Dinitrophenol	18.9	4.4	10	ug/l	20.0		94	0.1-173			
2,4-Dinitrotoluene	17.3	0.46	1.0	ug/l	20.0		86	48-127			
2,6-Dinitrotoluene	17.1	0.27	1.0	ug/l	20.0		85	68-137			
2-Chloronaphthalene	16.3	0.45	1.0	ug/l	20.0		82	65-120			
2-Chlorophenol	15.1	0.28	1.0	ug/l	20.0		75	36-120			
2-Methyl-4,6-dinitrophenol	19.8	2.4	5.0	ug/l	20.0		99	53-130			
2-Nitrophenol	17.6	0.26	1.0	ug/l	20.0		88	45-167			
3,3'-Dichlorobenzidine	0.378	0.0	5.0	ug/l	20.0		2	8-213			J, Q-02
4-Bromophenyl phenyl ether	18.9	0.36	1.0	ug/l	20.0		94	65-120			
4-Chloro-3-methylphenol	16.9	0.23	1.0	ug/l	20.0		85	41-128			
4-Chlorophenyl phenyl ether	17.6	0.41	1.0	ug/l	20.0		88	38-145			
4-Nitrophenol	8.55	1.2	5.0	ug/l	20.0		43	13-129			
Acenaphthene	15.7	0.38	1.0	ug/l	20.0		78	60-132			
Acenaphthylene	17.0	0.35	1.0	ug/l	20.0		85	54-126			
alpha-Terpineol	16.3	0.44	1.0	ug/l	20.0		82	60-140			
Anthracene	16.5	0.41	1.0	ug/l	20.0		83	43-120			
Benzo (a) anthracene	19.1	0.46	1.0	ug/l	20.0		96	42-133			
Benzo (a) pyrene	18.7	0.82	1.0	ug/l	20.0		93	32-148			
Benzo (b) fluoranthene	19.1	0.46	1.0	ug/l	20.0		96	42-140			AN-IP
Benzo (g,h,i) perylene	20.6	0.42	2.0	ug/l	20.0		103	0.1-195			
Benzo (k) fluoranthene	18.2	0.72	1.0	ug/l	20.0		91	25-146			AN-IP
Bis(2-chloroethoxy)methane	16.8	0.25	1.0	ug/l	20.0		84	49-165			
Bis(2-chloroethyl)ether	14.8	0.27	1.0	ug/l	20.0		74	43-126			

Quality Control Results

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
LCS (W5A2115-BS1)					Prepared: 01/31/25 Analyzed: 02/06/25						
Bis(2-chloroisopropyl) ether	14.9	0.38	1.0	ug/l	20.0		74	63-139			
Bis(2-ethylhexyl)phthalate	18.9	2.3	5.0	ug/l	20.0		95	29-137			
Butyl benzyl phthalate	20.0	0.49	1.0	ug/l	20.0		100	0.1-140			
Chrysene	15.9	0.19	1.0	ug/l	20.0		80	44-140			
Dibenzo (a,h) anthracene	17.9	0.60	2.0	ug/l	20.0		89	0.1-200			
Diethyl phthalate	18.0	0.35	1.0	ug/l	20.0		90	0.1-120			
Dimethyl phthalate	17.2	0.18	1.0	ug/l	20.0		86	0.1-120			
Di-n-butyl phthalate	16.5	0.34	1.0	ug/l	20.0		83	8-120			
Di-n-octyl phthalate	17.5	0.46	1.0	ug/l	20.0		88	19-132			
Fluoranthene	18.2	0.35	1.0	ug/l	20.0		91	43-121			
Fluorene	17.7	0.35	1.0	ug/l	20.0		89	70-120			
Hexachlorobenzene	18.6	0.24	1.0	ug/l	20.0		93	8-142			
Hexachlorobutadiene	17.1	0.47	1.0	ug/l	20.0		86	38-120			
Hexachlorocyclopentadiene	14.0	1.5	5.0	ug/l	20.0		70	10-120			
Hexachloroethane	16.7	0.50	1.0	ug/l	20.0		84	55-120			
Indeno (1,2,3-cd) pyrene	17.3	0.66	2.0	ug/l	20.0		86	0.1-151			
Isophorone	16.0	0.21	1.0	ug/l	20.0		80	47-180			
Naphthalene	15.7	0.49	1.0	ug/l	20.0		79	36-120			
Nitrobenzene	15.4	0.36	1.0	ug/l	20.0		77	54-158			
N-Nitrosodimethylamine	10.8	0.50	1.0	ug/l	20.0		54	22-120			
N-Nitrosodi-n-propylamine	15.4	0.26	1.0	ug/l	20.0		77	14-198			
N-Nitrosodiphenylamine	14.5	0.19	1.0	ug/l	20.0		73	47-120			
Pentachlorophenol	17.5	0.40	1.0	ug/l	20.0		87	41-120			
Phenanthrene	17.8	0.32	1.0	ug/l	20.0		89	65-120			
Phenol	6.13	0.14	1.0	ug/l	20.0		31	17-120			
Pyrene	17.1	0.25	1.0	ug/l	20.0		86	70-120			
<i>Surrogate(s)</i>											
2,4,6-Tribromophenol	41.4			ug/l	40.0		103	25-120			
2-Fluorobiphenyl	16.5			ug/l	20.0		83	22-120			
2-Fluorophenol	22.7			ug/l	40.0		57	17-120			
Nitrobenzene-d5	17.1			ug/l	20.0		86	47-120			
Phenol-d5	13.7			ug/l	40.0		34	12-120			
Terphenyl-d14	24.5			ug/l	20.0		122	44-129			
Matrix Spike (W5A2115-MS1)					Source: 5A08002-03 Prepared: 01/31/25 Analyzed: 02/06/25						
1,2,4-Trichlorobenzene	15.4	0.49	1.0	ug/l	18.9	ND	81	44-142			
1,2-Dichlorobenzene	17.2	0.46	1.0	ug/l	18.9	ND	91	51-120			
1,3-Dichlorobenzene	13.8	0.42	1.0	ug/l	18.9	ND	73	37-120			

Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Matrix Spike (W5A2115-MS1)		Source: 5A08002-03			Prepared: 01/31/25 Analyzed: 02/06/25						
1,4-Dichlorobenzene	13.9	0.48	1.0	ug/l	18.9	ND	74	39-120			
2,4,6-Trichlorophenol	13.8	0.22	1.0	ug/l	18.9	ND	73	37-144			
2,4-Dichlorophenol	15.2	0.26	1.0	ug/l	18.9	ND	80	39-135			
2,4-Dimethylphenol	7.60	0.76	1.0	ug/l	18.9	ND	40	32-120			
2,4-Dinitrophenol	16.6	4.4	10	ug/l	18.9	ND	88	0.1-191			
2,4-Dinitrotoluene	15.2	0.46	1.0	ug/l	18.9	ND	80	39-139			
2,6-Dinitrotoluene	15.9	0.27	1.0	ug/l	18.9	ND	84	50-158			
2-Chloronaphthalene	14.0	0.45	1.0	ug/l	18.9	ND	74	60-120			
2-Chlorophenol	12.6	0.28	1.0	ug/l	18.9	ND	67	23-134			
2-Methyl-4,6-dinitrophenol	16.0	2.4	5.0	ug/l	18.9	ND	84	0.1-181			
2-Nitrophenol	15.0	0.26	1.0	ug/l	18.9	ND	79	29-182			
3,3'-Dichlorobenzidine	ND	2.5	5.0	ug/l	18.9	ND		0.1-262			Q-02
4-Bromophenyl phenyl ether	14.4	0.36	1.0	ug/l	18.9	ND	76	53-127			
4-Chloro-3-methylphenol	14.7	0.23	1.0	ug/l	18.9	ND	78	22-147			
4-Chlorophenyl phenyl ether	14.7	0.41	1.0	ug/l	18.9	ND	78	25-158			
4-Nitrophenol	6.61	1.2	5.0	ug/l	18.9	ND	35	0.1-132			
Acenaphthene	13.7	0.38	1.0	ug/l	18.9	ND	72	47-145			
Acenaphthylene	14.1	0.35	1.0	ug/l	18.9	ND	75	33-145			
Anthracene	12.8	0.41	1.0	ug/l	18.9	ND	68	27-133			
Benzo (a) anthracene	12.1	0.46	1.0	ug/l	18.9	ND	64	33-143			
Benzo (a) pyrene	11.6	0.82	1.0	ug/l	18.9	ND	61	17-163			
Benzo (b) fluoranthene	12.8	0.46	1.0	ug/l	18.9	ND	68	24-159			AN-IP
Benzo (g,h,i) perylene	13.4	0.42	2.0	ug/l	18.9	ND	71	0.1-219			
Benzo (k) fluoranthene	11.4	0.72	1.0	ug/l	18.9	ND	60	11-162			AN-IP
Bis(2-chloroethoxy)methane	15.3	0.25	1.0	ug/l	18.9	ND	81	33-184			
Bis(2-chloroethyl)ether	13.3	0.27	1.0	ug/l	18.9	ND	71	12-158			
Bis(2-chloroisopropyl) ether	13.9	0.38	1.0	ug/l	18.9	ND	73	36-166			
Bis(2-ethylhexyl)phthalate	12.5	2.3	5.0	ug/l	18.9	ND	66	8-158			
Butyl benzyl phthalate	14.7	0.49	1.0	ug/l	18.9	ND	78	0.1-152			
Chrysene	11.2	0.19	1.0	ug/l	18.9	ND	59	17-168			
Dibenzo (a,h) anthracene	11.6	0.60	2.0	ug/l	18.9	ND	61	0.1-227			
Diethyl phthalate	15.4	0.35	1.0	ug/l	18.9	ND	82	0.1-120			
Dimethyl phthalate	14.4	0.18	1.0	ug/l	18.9	ND	76	0.1-120			
Di-n-butyl phthalate	13.1	0.34	1.0	ug/l	18.9	ND	69	1-120			
Di-n-octyl phthalate	12.4	0.46	1.0	ug/l	18.9	ND	65	4-146			
Fluoranthene	12.3	0.35	1.0	ug/l	18.9	ND	65	26-137			
Fluorene	15.3	0.35	1.0	ug/l	18.9	ND	81	59-121			
Hexachlorobenzene	11.9	0.24	1.0	ug/l	18.9	ND	63	0.1-152			

Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Matrix Spike (W5A2115-MS1) Source: 5A08002-03 Prepared: 01/31/25 Analyzed: 02/06/25											
Hexachlorobutadiene	14.6	0.47	1.0	ug/l	18.9	ND	77	24-120			
Hexachlorocyclopentadiene	11.2	1.5	5.0	ug/l	18.9	ND	60	10-120			
Hexachloroethane	15.2	0.50	1.0	ug/l	18.9	ND	80	40-120			
Indeno (1,2,3-cd) pyrene	11.4	0.66	2.0	ug/l	18.9	ND	60	0.1-171			
Isophorone	13.9	0.21	1.0	ug/l	18.9	ND	74	21-196			
Naphthalene	13.8	0.49	1.0	ug/l	18.9	ND	73	21-133			
Nitrobenzene	14.5	0.36	1.0	ug/l	18.9	ND	77	35-180			
N-Nitrosodimethylamine	9.26	0.50	1.0	ug/l	18.9	ND	49	18-120			
N-Nitrosodi-n-propylamine	14.6	0.26	1.0	ug/l	18.9	ND	77	0.1-230			
N-Nitrosodiphenylamine	11.6	0.19	1.0	ug/l	18.9	ND	61	49-120			
Pentachlorophenol	15.3	0.40	1.0	ug/l	18.9	ND	81	0.1-133			
Phenanthrene	14.3	0.32	1.0	ug/l	18.9	ND	75	54-120			
Phenol	5.16	0.14	1.0	ug/l	18.9	ND	27	5-120			
Pyrene	11.9	0.25	1.0	ug/l	18.9	ND	63	52-120			
Surrogate(s)											
2,4,6-Tribromophenol	34.3			ug/l	37.8		91	25-120			
2-Fluorobiphenyl	14.1			ug/l	18.9		75	22-120			
2-Fluorophenol	17.1			ug/l	37.8		45	17-120			
Nitrobenzene-d5	16.4			ug/l	18.9		87	47-120			
Phenol-d5	10.7			ug/l	37.8		28	12-120			
Terphenyl-d14	10.4			ug/l	18.9		55	44-129			
Matrix Spike Dup (W5A2115-MSD1) Source: 5A08002-03 Prepared: 01/31/25 Analyzed: 02/06/25											
1,2,4-Trichlorobenzene	15.9	0.49	1.0	ug/l	19.0	ND	84	44-142	4	30	
1,2-Dichlorobenzene	19.6	0.46	1.0	ug/l	19.0	ND	103	51-120	13	30	
1,3-Dichlorobenzene	14.4	0.42	1.0	ug/l	19.0	ND	76	37-120	5	30	
1,4-Dichlorobenzene	14.8	0.48	1.0	ug/l	19.0	ND	78	39-120	6	30	
2,4,6-Trichlorophenol	16.3	0.22	1.0	ug/l	19.0	ND	85	37-144	16	30	
2,4-Dichlorophenol	16.4	0.26	1.0	ug/l	19.0	ND	86	39-135	7	30	
2,4-Dimethylphenol	3.13	0.76	1.0	ug/l	19.0	ND	16	32-120	83	30	MS-01, R-02
2,4-Dinitrophenol	18.1	4.4	10	ug/l	19.0	ND	95	0.1-191	8	30	
2,4-Dinitrotoluene	16.4	0.46	1.0	ug/l	19.0	ND	86	39-139	7	30	
2,6-Dinitrotoluene	18.4	0.27	1.0	ug/l	19.0	ND	97	50-158	15	30	
2-Chloronaphthalene	15.5	0.45	1.0	ug/l	19.0	ND	81	60-120	10	30	
2-Chlorophenol	13.6	0.28	1.0	ug/l	19.0	ND	71	23-134	8	30	
2-Methyl-4,6-dinitrophenol	17.9	2.4	5.0	ug/l	19.0	ND	94	0.1-181	11	30	
2-Nitrophenol	16.4	0.26	1.0	ug/l	19.0	ND	86	29-182	9	30	
3,3'-Dichlorobenzidine	ND	2.5	5.0	ug/l	19.0	ND		0.1-262		30	Q-02

Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Matrix Spike Dup (W5A2115-MSD1) Source: 5A08002-03 Prepared: 01/31/25 Analyzed: 02/06/25											
4-Bromophenyl phenyl ether	17.6	0.36	1.0	ug/l	19.0	ND	93	53-127	20	30	
4-Chloro-3-methylphenol	16.3	0.23	1.0	ug/l	19.0	ND	86	22-147	10	30	
4-Chlorophenyl phenyl ether	17.1	0.41	1.0	ug/l	19.0	ND	90	25-158	15	30	
4-Nitrophenol	7.35	1.2	5.0	ug/l	19.0	ND	39	0.1-132	11	30	
Acenaphthene	15.4	0.38	1.0	ug/l	19.0	ND	81	47-145	12	30	
Acenaphthylene	15.7	0.35	1.0	ug/l	19.0	ND	83	33-145	11	30	
Anthracene	14.6	0.41	1.0	ug/l	19.0	ND	76	27-133	13	30	
Benzo (a) anthracene	16.9	0.46	1.0	ug/l	19.0	ND	89	33-143	33	30	R-02
Benzo (a) pyrene	15.8	0.82	1.0	ug/l	19.0	ND	83	17-163	31	30	R-02
Benzo (b) fluoranthene	16.4	0.46	1.0	ug/l	19.0	ND	86	24-159	25	30	AN-IP
Benzo (g,h,i) perylene	18.2	0.42	2.0	ug/l	19.0	ND	95	0.1-219	30	30	
Benzo (k) fluoranthene	16.9	0.72	1.0	ug/l	19.0	ND	89	11-162	39	30	R-02, AN-IP
Bis(2-chloroethoxy)methane	16.5	0.25	1.0	ug/l	19.0	ND	87	33-184	7	30	
Bis(2-chloroethyl)ether	14.2	0.27	1.0	ug/l	19.0	ND	75	12-158	6	30	
Bis(2-chloroisopropyl) ether	15.3	0.38	1.0	ug/l	19.0	ND	80	36-166	10	30	
Bis(2-ethylhexyl)phthalate	17.5	2.3	5.0	ug/l	19.0	ND	92	8-158	34	30	R-02
Butyl benzyl phthalate	18.8	0.49	1.0	ug/l	19.0	ND	99	0.1-152	24	30	
Chrysene	14.7	0.19	1.0	ug/l	19.0	ND	77	17-168	27	30	
Dibenzo (a,h) anthracene	15.9	0.60	2.0	ug/l	19.0	ND	84	0.1-227	32	30	R-02
Diethyl phthalate	17.5	0.35	1.0	ug/l	19.0	ND	92	0.1-120	13	30	
Dimethyl phthalate	17.4	0.18	1.0	ug/l	19.0	ND	91	0.1-120	18	30	
Di-n-butyl phthalate	16.5	0.34	1.0	ug/l	19.0	ND	87	1-120	23	30	
Di-n-octyl phthalate	17.0	0.46	1.0	ug/l	19.0	ND	89	4-146	32	30	R-02
Fluoranthene	16.7	0.35	1.0	ug/l	19.0	ND	87	26-137	30	30	
Fluorene	16.9	0.35	1.0	ug/l	19.0	ND	89	59-121	10	30	
Hexachlorobenzene	16.4	0.24	1.0	ug/l	19.0	ND	86	0.1-152	31	30	R-02
Hexachlorobutadiene	16.3	0.47	1.0	ug/l	19.0	ND	86	24-120	11	30	
Hexachlorocyclopentadiene	12.2	1.5	5.0	ug/l	19.0	ND	64	10-120	8	30	
Hexachloroethane	15.7	0.50	1.0	ug/l	19.0	ND	83	40-120	3	30	
Indeno (1,2,3-cd) pyrene	16.1	0.66	2.0	ug/l	19.0	ND	85	0.1-171	34	30	R-02
Isophorone	15.2	0.21	1.0	ug/l	19.0	ND	80	21-196	9	30	
Naphthalene	15.6	0.49	1.0	ug/l	19.0	ND	82	21-133	12	30	
Nitrobenzene	15.1	0.36	1.0	ug/l	19.0	ND	79	35-180	4	30	
N-Nitrosodimethylamine	9.90	0.50	1.0	ug/l	19.0	ND	52	18-120	7	30	
N-Nitrosodi-n-propylamine	15.0	0.26	1.0	ug/l	19.0	ND	79	0.1-230	3	30	
N-Nitrosodiphenylamine	12.4	0.19	1.0	ug/l	19.0	ND	65	49-120	7	30	
Pentachlorophenol	17.0	0.40	1.0	ug/l	19.0	ND	89	0.1-133	10	30	
Phenanthrene	16.5	0.32	1.0	ug/l	19.0	ND	87	54-120	15	30	

Quality Control Results

(Continued)

Acid and Base/Neutral Extractables by GC/MS (Continued)

Analyte	Result	MDL	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Matrix Spike Dup (W5A2115-MSD1) Source: 5A08002-03 Prepared: 01/31/25 Analyzed: 02/06/25											
Phenol	5.79	0.14	1.0	ug/l	19.0	ND	30	5-120	12	30	
Pyrene	15.5	0.25	1.0	ug/l	19.0	ND	81	52-120	26	30	
Surrogate(s)											
2,4,6-Tribromophenol	38.1			ug/l	38.1		100	25-120			
2-Fluorobiphenyl	15.7			ug/l	19.0		82	22-120			
2-Fluorophenol	18.6			ug/l	38.1		49	17-120			
Nitrobenzene-d5	16.2			ug/l	19.0		85	47-120			
Phenol-d5	12.0			ug/l	38.1		31	12-120			
Terphenyl-d14	15.4			ug/l	19.0		81	44-129			

Notes and Definitions

Item	Definition
AN-IP	Sample results for structural isomers may have contribution from their isomeric pair.
J	Estimated conc. detected <MRL and >MDL.
M-02	Due to the nature of matrix interferences, sample was diluted prior to preparation. The MDL and MRL were raised due to the dilution.
M-04	Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
MS-01	The spike recovery for this QC sample is outside of established control limits possibly due to sample matrix interference.
Q-02	Low recovery of this analyte in the QC sample. The analysis of the low level standard produced acceptable recovery indicating that the sample result might be accurately reported as Not Detected.
R-02	The RPD was outside of QC acceptance limits due to possible matrix interference.
S-11	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
%REC	Percent Recovery
Dil	Dilution
MDL	Method Detection Limit
MRL	Method Reporting Limit (MRL) is the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.

Analyses Accreditation

Analyte	CAS #	Not By ELAP-CA	Not By NELAP-OR	Not By ANAB ISO 17025
<i>EPA 625.1 in Water</i>				
N-Nitrosodimethylamine	62-75-9	●		●
Pyridine	110-86-1	●		●
1,3-Dichlorobenzene	541-73-1	●		●
1,4-Dichlorobenzene	106-46-7	●		●
1,2-Dichlorobenzene	95-50-1	●		●
Bis(2-chloroisopropyl) ether	108-60-1		●	
4-Chloroaniline	106-47-8	●		●

Analyses Accreditation

(Continued)

Analyte	CAS #	Not By ELAP-CA	Not By NELAP-OR	Not By ANAB ISO 17025
<i>EPA 625.1 in Water (Continued)</i>				
Benzoic acid	65-85-0	●		●
2-Methylnaphthalene	91-57-6	●		●
2,4,5-Trichlorophenol	95-95-4	●		●
2-Nitroaniline	88-74-4	●		●
3-Nitroaniline	99-09-2	●		●
N-Nitrosodiphenylamine	86-30-6	●		●
1,2-Diphenylhydrazine/Azobenzene	122-66-7	●		●
Dibenzofuran	132-64-9	●		●
4-Nitroaniline	100-01-6	●		●
Azobenzene/1,2-Diphenylhydrazine	103-33-3	●		●
Aniline	62-53-3	●		●
Benzyl alcohol	100-51-6	●		●
2,4,6-Tribromophenol	118-79-6		●	

This laboratory report may contain results for target analytes that are not currently certifiable by the California Environmental Laboratory Accreditation Program (ELAP). ELAP is the state agency that accredits environmental testing laboratories in California <https://www.waterboards.ca.gov/drinking_water/certlic/labs/index.html>. ELAP certification is required for laboratories that perform testing for regulatory purposes, such as drinking water, wastewater, hazardous waste, and ambient water <https://www.waterboards.ca.gov/drinking_water/certlic/labs/apply.html>. However, ELAP does not certify all analytes or methods that a laboratory may offer. Therefore, some of the target analytes in this report may not have been tested under ELAP-approved methods or quality control procedures. The results for these analytes are provided for informational purposes only and should not be used for regulatory compliance or decision making. Please contact the laboratory if you have any questions or concerns about the report.

Reviewed by:



Ryan J. Gasio
Project Manager



DoD-ELAP ANAB #ADE-2882 • DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • ISO17025 ANAB #L2457.01 • LACSD #10143

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. The report may include analytes that are not currently accreditable by some state agencies or accrediting bodies. This analytical report must be reproduced in its entirety.

Work Order: 5A29073

Client: FGL Environmental

Project: FGL Environmental

Report To:
FGL Environmental
Cindy Aguirre
853 Corporation Street
Santa Paula, CA 93060
Phone: (805) 392-2012
Fax: (805) 525-4172

Project Manager: Ryan J. Gasio

Project Number: SP 2501205

Invoice To:
FGL Environmental
Accounts Payable - Jackie Barnes
853 Corporation Street
Santa Paula, CA 93060
Phone : (805) 392-2038
Fax: (805) 525-4172

Date Due: 02/12/25 09:00 (10 day TAT)

Received By: Jerald R. Ancheta

Logged In By: Lester K. Abad

Date Received: 01/29/25 11:30

Date Logged In: 01/29/25 12:45

Sample Conditions

Temperature 1.80 C

Sample(s) have acceptable CI

Sample(s) labels have correct preservation

Sample(s) have sufficient sample volume

Sample(s) intact

Wet ice

COC completed properly



Sample(s) have acceptable pH

Sample(s) received within hold time

Sample(s) using proper containers

Blue ice

COC matches sample labels

COC present



Samples

Analysis	Expires	Analysis Comments
5A29073-01 Sample Name: South Basin - Western Inlet [Water]	Sampled 1/26/2025 09:30	
625.1 EPA_w BNA Ext	02/02/25 09:30 J	
5A29073-02 Sample Name: South Basin - Eastern Inlet [Water]	Sampled 1/26/2025 15:30	
625.1 EPA_w BNA Ext	02/02/25 15:30 J	

Note:

If any of the information included in this sample receipt acknowledgement is incorrect (sample information, analysis, etc), please contact the lab at (626) 336-2139. Thank you.

Office & Laboratory
9411 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
CA ELAP Certification No. 2810

February 11, 2025

Lab No. : SP 2501205

Customer No. : 2028560

Chiquita Canyon, LLC
 Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Laboratory Report

Introduction: This report package contains a total of 6 pages divided into 3 sections:

Case Narrative	(1 page)	: An overview of the work performed at FGL.
Sample Results	(3 pages)	: Results for each sample submitted.
Quality Control	(2 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab No.	Matrix
South Basin - Western Inlet	01/26/2025	01/27/2025	SP 2501205-001	STM
South Basin - Eastern Inlet	01/26/2025	01/27/2025	SP 2501205-002	STM

Sampling and Receipt Information:

All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples were received, prepared and analyzed within the method specified holding times except those as listed in the table below. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the associated Chain of Custody and Condition Upon Receipt Form.

Samples Over Hold Time

Lab No	Analyte Method	Maximum Hold Time	Actual Hold Time
SP 2501205-001	BOD	48 hours	52.1 hours

Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary

EPA 200.8	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 4500-NH3 G	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 5210 B	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)

Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature. This report shall not be reproduced except in full, without the written approval of the laboratory.

KD: SMH

Approved By **Kelly A. Dunnahoo, B.S.**


 Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2025-02-11

February 11, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Western Inlet

Project : Chiquita Canyon Landfill-Subchapter
N

Lab No. : SP 2501205-001

Customer No. : 2028560

Sampled On : January 26, 2025 at 09:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
							Date	Time	Who	Method	Date	Time	Who
Metals, Total													
Arsenic	0.00760	0.002	0.00042	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:37	ac
Chromium	0.0208	0.0005	0.00045	mg/L	1	h	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:37	ac
Zinc	0.125	0.01	0.00042	mg/L	1	lh	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:37	ac
Wet Chemistry													
Ammonia Nitrogen	0.648	0.2	0.066	mg/L	1		02/07/2025	12:50	lcr	SM 4500-NH3 G	02/07/2025	15:03	lcr
BOD	29.1	32.5	16	mg/L	20	JT	01/28/2025	13:35	jcg	SM 5210 B	02/02/2025	14:41	amm

DQF Flags Definition:

- h The MS/MSD did not meet QC criteria.
- l The MS/MSD did not meet QC criteria.
- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.
- T Exceeded method/regulatory-specific holding time.

ND=Non-Detected, RL=Reporting Level

February 11, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Eastern Inlet

Project : Chiquita Canyon Landfill-Subchapter
N

Lab No. : SP 2501205-002

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
							Date	Time	Who	Method	Date	Time	Who
Metals, Total													
Arsenic	0.0550	0.004	0.00084	mg/L	2		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:03	ac
Chromium	0.0810	0.001	0.00090	mg/L	2	h	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:03	ac
Zinc	2.04	0.1	0.0042	mg/L	10	l	01/29/2025	08:00	ejc	EPA 200.8	01/31/2025	12:44	ac
Wet Chemistry													
Ammonia Nitrogen	0.441	0.2	0.066	mg/L	1		02/07/2025	12:50	lcr	SM 4500-NH3 G	02/07/2025	15:05	lcr
BOD	ND	260	130	mg/L	100	U	01/28/2025	13:21	jcg	SM 5210 B	02/02/2025	14:41	amm

DQF Flags Definition:

- h The MS/MSD did not meet QC criteria.
- l The MS/MSD did not meet QC criteria.
- U Constituent results were non-detect.

February 11, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Description : South Basin - Eastern Inlet

Project : Chiquita Canyon Landfill-Subchapter
 N

Lab No. : SP 2501205-002

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Field Test

Constituent	Result	RL	Units	Note	Sample Preparation		Sample Analysis	
Field Test					Method	Date Time	Method	Date Time
pH (Field)	8.29		units			01/26/2025 15:30	4500HB	01/26/2025 15:30

ND=Non-Detected, RL=Reporting Level

February 11, 2025
Chiquita Canyon Landfill

Lab No. : SP 2501205
 Customer No. : 2028560

Quality Control - Metals

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Arsenic	200.8	01/29/2025:201037EJC (SP 2501245-001) (STK2531095-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	50.00	99.4%	85-115	
			MS	ug/L	50.00	102%	75-125	
			MSD	ug/L	50.00	105%	75-125	
			MSRPD	ug/L		2.5%	≤20	
			MS	ug/L	50.00	100%	75-125	
			MSD	ug/L	50.00	108%	75-125	
			MSRPD	ug/L		6.7%	≤20	
Chromium	200.8	01/29/2025:201037EJC (SP 2501245-001) (STK2531095-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	50.00	98.9%	85-115	
			MS	ug/L	50.00	125%	75-125	
			MSD	ug/L	50.00	125%	75-125	
			MSRPD	ug/L		0.2%	≤20.0	
			MS	ug/L	50.00	130%	75-125	435
			MSD	ug/L	50.00	137%	75-125	435
			MSRPD	ug/L		2.4%	≤20.0	
Zinc	200.8	01/29/2025:201037EJC (SP 2501245-001) (STK2531095-001)	Blank	ug/L		ND	<10	
			LCS	ug/L	50.00	90.6%	85-115	
			MS	ug/L	50.00	49.7%	75-125	435
			MSD	ug/L	50.00	92.6%	75-125	
			MSRPD	ug/L		10.5%	≤20	
			MS	ug/L	50.00	-201%	<¼	406
			MSD	ug/L	50.00	-157%	<1/4	
			MSRPD	ug/L		1.6%	≤20	

Definition

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.

DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.

LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.

ND : Non-detect - Result was below the DQO listed for the analyte.

Explanation

406 : Matrix Spike (MS) not within the Acceptance Range (AR) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.

435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

Quality Control - Wet Chem

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Ammonia Nitrogen	4500NH3G	02/07/2025:201495LCR (SP 2501228-001)	Blank	mg/L		ND	<0.2	
			LCS	mg/L	2.000	97.6%	90-110	
			MS	mg/L	2.000	97.2%	46-139	
			MSD	mg/L	2.000	98.7%	46-139	
			MSRPD	mg/L		1.4%	≤20	
BOD	5210B	01/28/2025:200904JCG	RgBlk	mg/L		0.13	2	
			LCS	mg/L	198.0	90.7%	84.6-115	
			LCSAv	mg/L	198.0	92.8%	84.6-115	
			LCS	mg/L	198.0	97.5%	84.6-115	
			LCS	mg/L	198.0	90.2%	84.6-115	
		(SP 2501235-001)	Dup	mg/L		4.58%	15.9	
		(SP 2501235-001)	Dup	mg/L		1.73%	15.9	

Definition

- Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
- Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
- LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
- MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
- MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
- MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
- RgBlk : Method Reagent Blank - Prepared to correct for any reagent contributions to sample result.

				6280:01/06/2025				TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information												
Client: Chiquita Canyon Landfill Address: Chiquita Canyon, LLC 29201 Henry Mayo Dr. Castaic, CA 91384 Phone: (425)414-2903 Fax: Contact Person: Matt Breuer Project Name: Chiquita Landfill-Subchapter N Purchase Order Number: Quote Number: SP 20241121-05				Method of Sampling: Composite(C) Grab(G) Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL) Wet Chemistry-BOD 16oz(P) Wet Chemistry-NH3-N 16oz(P)-H2SO4 Metals, Total-As,Cr,Zn 250ml(P)-HNO3 Sub Organic-EPA 625.1 SemiVOA a- Terpineol, p-Cresol, Naphthalene, Benzoic Acid Pyridine and Phenol ***Requires MDL Reporting**** 1000ml(AGT) Field Test-Field pH !!pH = 15 MINUTE HOLD TIME!! Field - pH Date Field - pH Time																
Sampler(s) BLANCA HOFFMEIER Isaac Hoffmeier Sampling Fee: Pickup Fee: Compositor Setup Date: / / Time: / / Lab Number: SP 250/205 2-28560																				
Samp Num	Location Description	Date Sampled	Time Sampled																	
1	South Basin - Western Inlet	1/26/25	9:30 am	G	STM				1	1	1	1	"ERROR"							
2	South Basin - Eastern Inlet	1/26/25	3:30 pm	G	STM				1	1	1	1	8.29	1/26	3:45					
Remarks:				Relinquished Date: Time:				Relinquished Date: Time:				Relinquished Date: Time:								
				Blanca Hoffmeier 1/27/25 9:45 am																
				Received By: Date: Time:				Received By: Date: Time:				Received By: Date: Time:								
				M C 1/27/25 9:45																

Corporate Offices & Laboratory

853 Corporation Street
Santa Paula, CA 93060
Phone: (805) 392-2000
Env Fax: (805) 525-4172 / Ag Fax: (805) 392-2063

Office & Laboratory

2500 Stagecoach Road
Stockton, CA 95215
Phone: (209) 942-0182
Fax: (209) 942-0423

Office & Laboratory

563 E. Lindo
Chico, CA 95926
Phone: (530) 343-5818
Fax: (530) 343-3807

Office & Laboratory

**3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
Phone: (805) 783-2940
Fax: (805) 783-2912**

Office & Laboratory

9411 W. Goshen Avenue
Visalia, CA 93291
Phone: (559) 734-9473
Fax: (559) 734-8435



**Subcontract to
Weck Laboratories, Inc.**

CHAIN OF CUSTODY **AND ANALYSES REQUEST FORM**

Page 1 of 1

Chain of Custody Information				Sample Information					Test Description(s)									
Lab Number:				Method of Sampling: Composite (C) Grab(G)	Type of Sample	Potable(P) Non-Potable(NP) Ag Waiver (AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Sub Organic-EPA 625.1 SemiVOA EXTENDED LIST a- Terpineol, p-Cresol, Napthalene, Benzoic Acid Pyridine and Phenol ***Requires MDL Reporting**** 1000ml(ACT)									
Client: Fruit Growers Laboratory																		
Address: 853 Corporation St. Santa Paula, CA 93060-3005																		
Phone: Fax:																		
Contact:																		
Project: SP 2501205																		
Purchase Order:																		
Sampler(s): Blanca H/Isaac H																		
Compositor Setup Date: Time:																		
Samp Num	Location Description	Date Sampled	Time Sampled															
1	South Basin - Western Inlet	01/26/2025	09:30	G	STM				1									
2	South Basin - Eastern Inlet	01/26/2025	15:30	G	STM				1									
Remarks				Relinquished Date Time				Relinquished Date Time				Relinquished Date Time						
Sample 1: MDL Reporting																		
Sample 2: MDL Reporting				Received By: Date Time				Received By: Date Time				Received By: Date Time						

Corporate Offices & Laboratory
853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
CA ELAP Certification No. 1573

Office & Laboratory
2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
CA ELAP Certification No. 1563

Office & Laboratory
563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
CA ELAP Certification No. 2670

Office & Laboratory
3442 Empresa Drive, Suite D
San Luis Obispo, CA 93401
TEL: (805)783-2940
CA ELAP Certification No. 2775

Office & Laboratory
9411 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
CA ELAP Certification No. 2810

Condition Upon Receipt (Attach to COC) SP 2501205

Sample Receipt at SP:

1. Number of ice chests/packages received: OTC
2. Shipper tracking number(s) _____
3. Temp IR Gun ID#: TH268
4. Were samples received on Ice? ☒ Yes ☐ No Temps: ROI / 14C / _____ / _____ / _____ / _____
5. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
6. Do the number of bottles received agree with the COC? ☒ Yes ☐ No **N/A**
7. Verify sample date, time, sampler ☒ Yes ☐ No
8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ☒ Yes ☐ No
2. Did bottle labels correspond with the client's ID's? ☒ Yes ☐ No
3. Were all bottles requiring sample preservation properly preserved? ☒ Yes ☐ No **N/A** **FGL**
[Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? ☒ Yes ☐ No **N/A**
5. Were all analyses within holding times at time of receipt? ☒ Yes ☐ No
6. Have rush or project due dates been checked and accepted? ☒ Yes ☐ No **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Matthew Casas



Digitally signed by Matthew Casas
Title: Sample Receiving
Date: 01/27/2025-16:04:16

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____

Resolution: _____

2. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____

Resolution: _____

(2028560)
Chiquita Canyon Landfill
SP 2501205
MDC-01/27/2025-16:04:16

February 3, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Subject: Subcontract Analysis for FGL Lab No. SP 2501198

Enclosed please find results for the following sample(s) which were received by FGL.

- Subcontract-Dioxin, 2,3,7,8 - TCDD by EPA 8290

Please note that this analysis was performed by Ceres Analytical Laboratory, Inc.

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre  Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2025-02-03

Enclosure



CERES Analytical Laboratory, Inc.

4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762



February 3, 2025

Ceres ID: 19082

FGL Environmental, Inc.
853 Corporation St.
Santa Paula, CA 93060-3005

The following report contains the results for the two aqueous samples received on January 28, 2025. These samples were analyzed for 2,3,7,8-TCDD by EPA method 8290. Routine turn-around time was provided for this work.

This work was authorized under the Project Name: SP 2501198.

Continuing Calibration Verification (CCV) Requirements

All associated calibration verification standard(s) (CCV) met the acceptance criteria.

The report consists of a Cover Letter, Sample Inventory (Section I), Data Summary (Section II), Sample Tracking (Section VI), and Qualifiers/Abbreviations (Section VII). Raw Data (Section III), Continuing Calibration (Section IV), and Initial Calibration (Section V) are available in a full report (.pdf format) upon request.

If you have any questions regarding this report, please feel free to contact me at (916)932-5011.

Sincerely,

James M. Hedin
Director of Operations/CEO
jhedin@ceres-lab.com

Section I: Sample Inventory

<u>Ceres Sample ID:</u>	<u>Sample ID</u>	<u>Date Received</u>	<u>Collection Date & Time</u>
19082-001	South Basin - Western Inlet	1/28/2025	1/26/2025 9:30
19082-002	South Basin - Eastern Inlet	1/28/2025	1/26/2025 15:30

Section II: Data Summary



EPA Method 8290

Quality Assurance Sample Method Blank Project ID: SP 2501198	Ceres Sample ID: 0-3412-MB QC Batch #: 3412 Matrix: Aqueous Sample Size: 1.000 L	Date Received: NA Date Extracted: 2/1/2025 Date Analyzed: 2/2/2025
---	---	---

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND< 3.81	2.38	5.00		13C-2378-TCDD	91.9	40-135	
					<u>CRS</u>			
					37Cl4-2378-TCDD	86.3	40-135	
					EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure. (a) - Lower control limit - Upper control limit			

Analyst: JMH

Reviewed by: BS



EPA Method 8290

Quality Assurance Sample Laboratory Control Samples Project ID: 2501010	Ceres Sample ID: 0-3412-LCS1/LCS2 QC Batch #: 3412 Matrix: Aqueous Sample Size: 1.000 L	Date Received: NA Date Extracted: 2/1/2025 ZB-5MS Analysis: 2/2/2025
---	--	--

Analyte	%Rec. LCS	% Rec. LCS Dup	%RSD	Labeled Standards	LCS % Rec.	LCS Dup % Rec.	Limits (a)
2,3,7,8-TCDD	99.5	97.2	1.65	13C-2378-TCDD	86.0	87.6	40-135
				<u>CRS</u>			
				37Cl4-2378-TCDD	85.3	89.3	40-135
(a) Limits based on method acceptance criteria.							

Analyst: JMH

Reviewed by: BS



EPA Method 8290

Client Sample ID: South Basin - Western Inlet		
Project ID: 2501010	Ceres Sample ID: 19082-001	Date Received: 1/28/2025
Date Collected: 1/26/2025	QC Batch #: 3412	Date Extracted: 2/1/2025
Time Collected: 9:30	Matrix: Aqueous	Date Analyzed: 2/2/2025
	Sample Size: 1.021 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND < 3.22	2.96	4.90		13C-2378-TCDD	58.7	31-137	
					<u>CRS</u>			
					37Cl4-2378-TCDD	93.4	42-164	
					EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.			
					(a) - Lower control limit - Upper control limit			

Analyst: JMH

Reviewed by: BS



CERES Analytical Laboratory, Inc.

4919 Windplay Dr. Suite 1, El Dorado Hills, CA 95762

EPA Method 8290

Client Sample ID: South Basin - Eastern Inlet		
Project ID: 2501010	Ceres Sample ID: 19082-002	Date Received: 1/28/2025
Date Collected: 1/26/2025	QC Batch #: 3412	Date Extracted: 2/1/2025
Time Collected: 15:30	Matrix: Aqueous	Date Analyzed: 2/2/2025
	Sample Size: 1.030 L	

Analyte	Conc. (pg/L)	MDL	RL	Qual.	Labeled Standards	% R	LCL-UCL (a)	Qualifiers
2,3,7,8-TCDD	ND < 3.96	2.96	4.85		13C-2378-TCDD	65.5	31-137	
					<u>CRS</u>			
					37Cl4-2378-TCDD	89.7	42-164	
					EMPC - Estimated Maximum Possible Concentration due to ion abundance ratio failure.			
					(a) - Lower control limit - Upper control limit			

Analyst: JMH

Reviewed by: BS

Section VI: Sample Tracking

**Subcontract to
Ceres Analytical Laboratory, Inc.**

Chain of Custody Information				Sample Information				Test Description(s)																
Lab Number:				Method of Sampling: Composite (C) Grab(G)	Type of Sample	Potable(P) Non-Potable(NP) Ag Waiver (AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Subcontract-Dioxin, 2,3,7,8 - TCDD by EPA 8290	***Requires MDL Reporting*** 1000ml(AGT)														
Client: Fruit Growers Laboratory																								
Address: 853 Corporation St. Santa Paula, CA 93060-3005																								
Phone: Fax: Contact: Project: SP 2501198 Purchase Order:																								
Sampler(s): Blanca H/Isaac H																								
Compositor Setup Date: Time:																								
Samp Num	Location Description	Date Sampled	Time Sampled																					
1	South Basin - Western Inlet	01/26/2025	09:30	G	STM					1														
2	South Basin - Eastern Inlet	01/26/2025	15:30	G	STM					1														
Remarks				Relinquished Date Time				Relinquished Date Time				Relinquished Date Time												
Sample 1: MDL Reporting				Cm 1/27/25 17:00																				
Sample 2: MDL Reporting				Received By: Date Time				Received By: Date Time				Received By: Date Time												
CWS GLS				↓				HJH 1/28/25 12:10																

Sample Receipt Check List Logged by: HH (initials)

Ceres ID: <u>19082</u>	Date/Time: <u>1/28/25 12:10</u>
Client Project ID: <u>SP2501198</u>	Received Temp: <u>2.6</u> °C Acceptable: ☒ Y / N
Chain of Custody Relinquished by signed?	☒ Y / N
Chain of Custody Received by signed?	☒ Y / N
Custody Seals? Present?	Y / N
Intact?	Y / N
NA:	☒ NA
Unlabeled / Illegible Samples	Y / ☒ N
Proper Containers:	☒ Y / N
Preservation Acceptable (Chemical or <u>Temperature</u>)?	☒ Y / N
Drinking Water, Sodium Thiosulfate present? Residual Cl?	Y / ☒ N / NA Y / ☒ N / NA
Aqueous sample pH: <u>7.7</u>	NA
List COC discrepancies: <u>HH 1/28/25</u>	
List Damaged Samples: <u>HH 1/28/25</u>	

Section VII: Qualifiers/Abbreviations

J	Concentration found below the lower quantitation limit but greater than zero.
B	Analyte present in the associated Method Blank.
E	Concentration found exceeds the Calibration range of the HRGC/HRMS.
D	This analyte concentration was calculated from a dilution.
X	The concentration found is the estimated maximum possible concentration due to chlorinated diphenyl ethers present in the sample.
H	Recovery limits exceeded. See cover letter.
*	Results taken from dilution.
I	Interference. See cover letter.
Conc.	Concentration Found
DL	Calculated Detection Limit
ND	Non-Detect
% Rec.	Percent Recovery

February 11, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Subject: Subcontract Analysis for FGL Lab No. SP 2501198

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-EPA 8141

Please note that this analysis was performed by Eurofins Calscience, Inc

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre



Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2025-02-11

Enclosure

ANALYTICAL REPORT

PREPARED FOR

Attn: Cindy Aguirre
FGL Environmental
853 Corporation Street
Santa Paula, California 93060-3005

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JOB DESCRIPTION

SP 2501198

JOB NUMBER

570-215847-1

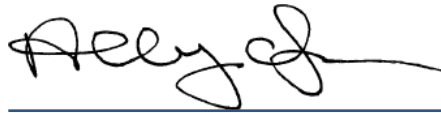
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Job Notes

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Authorization



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Definitions/Glossary

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
me	LCS Recovery is within Marginal Exceedance (ME) control limit range (± 4 SD from the mean).
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: FGL Environmental
Project: SP 2501198

Job ID: 570-215847-1

Job ID: 570-215847-1

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Job Narrative 570-215847-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 1/29/2025 1:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

Pesticides

Method 8141A: The continuing calibration verification (CCV) associated with 570-529372 recovered high and outside the control limits for on one column. Results are confirmed on both columns and reported from the passing column.

Method 8141A: The laboratory control sample (LCS) for preparation batch 570-528018 and analytical batch 570-529372 recovered outside control limits for the following analytes: Merphos. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8141A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-528018 and analytical batch 570-529372 were outside control limits.

Method 8141A: The continuing calibration verification (CCV) associated with batch 570-529372 recovered above the upper control limit for Merphos and Naled. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: South Basin-Western Inlet (570-215847-1), South Basin-Eastern Inlet (570-215847-2) and (MB 570-528018/1-A).

Method 8141A: The continuing calibration verification (CCV) associated with 570-529372 recovered high and outside the control limits on one column. Results are confirmed on both columns and reported from the passing column. The associated samples are: (CCV 570-529372/17) and (CCV 570-529372/30).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Client Sample ID: South Basin-Western Inlet

Lab Sample ID: 570-215847-1

No Detections.

Client Sample ID: South Basin-Eastern Inlet

Lab Sample ID: 570-215847-2

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Method: SW846 8141A - Organophosphorous Pesticides (GC)

Client Sample ID: South Basin-Western Inlet

Date Collected: 01/26/25 09:30

Date Received: 01/29/25 13:13

Lab Sample ID: 570-215847-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.0050	0.0017	mg/L		01/30/25 08:09	02/04/25 10:30	1
Bolstar	ND		0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 10:30	1
Chlorpyrifos	ND		0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 10:30	1
Coumaphos	ND		0.0050	0.0018	mg/L		01/30/25 08:09	02/04/25 10:30	1
Demeton-o/s	ND		0.010	0.0024	mg/L		01/30/25 08:09	02/04/25 10:30	1
Diazinon	ND		0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 10:30	1
Dichlorvos	ND		0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 10:30	1
Disulfoton	ND		0.010	0.0015	mg/L		01/30/25 08:09	02/04/25 10:30	1
Ethoprop	ND		0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 10:30	1
Fensulfothion	ND		0.0050	0.0029	mg/L		01/30/25 08:09	02/04/25 10:30	1
Fenthion	ND		0.0050	0.0014	mg/L		01/30/25 08:09	02/04/25 10:30	1
Merphos	ND	*+	0.0050	0.0020	mg/L		01/30/25 08:09	02/04/25 10:30	1
Methyl parathion	ND		0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 10:30	1
Mevinphos	ND		0.0050	0.0013	mg/L		01/30/25 08:09	02/04/25 10:30	1
Naled	ND		0.040	0.015	mg/L		01/30/25 08:09	02/04/25 10:30	1
Phorate	ND		0.0050	0.0023	mg/L		01/30/25 08:09	02/04/25 10:30	1
Ronnel	ND		0.0050	0.0011	mg/L		01/30/25 08:09	02/04/25 10:30	1
Stirophos	ND		0.020	0.0010	mg/L		01/30/25 08:09	02/04/25 10:30	1
Tokuthion	ND		0.0050	0.0013	mg/L		01/30/25 08:09	02/04/25 10:30	1
Trichloronate	ND		0.0050	0.0012	mg/L		01/30/25 08:09	02/04/25 10:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	109		30 - 151	01/30/25 08:09	02/04/25 10:30	1

Client Sample ID: South Basin-Eastern Inlet

Date Collected: 01/26/25 15:30

Date Received: 01/29/25 13:13

Lab Sample ID: 570-215847-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.0050	0.0017	mg/L		01/30/25 08:09	02/04/25 11:17	1
Bolstar	ND	F1 F2	0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 11:17	1
Chlorpyrifos	ND		0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 11:17	1
Coumaphos	ND		0.0050	0.0018	mg/L		01/30/25 08:09	02/04/25 11:17	1
Demeton-o/s	ND		0.010	0.0024	mg/L		01/30/25 08:09	02/04/25 11:17	1
Diazinon	ND		0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 11:17	1
Dichlorvos	ND	F1	0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 11:17	1
Disulfoton	ND		0.010	0.0015	mg/L		01/30/25 08:09	02/04/25 11:17	1
Ethoprop	ND		0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 11:17	1
Fensulfothion	ND		0.0050	0.0029	mg/L		01/30/25 08:09	02/04/25 11:17	1
Fenthion	ND		0.0050	0.0014	mg/L		01/30/25 08:09	02/04/25 11:17	1
Merphos	ND	F1 *+	0.0050	0.0020	mg/L		01/30/25 08:09	02/04/25 11:17	1
Methyl parathion	ND		0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 11:17	1
Mevinphos	ND		0.0050	0.0013	mg/L		01/30/25 08:09	02/04/25 11:17	1
Naled	ND		0.040	0.015	mg/L		01/30/25 08:09	02/04/25 11:17	1
Phorate	ND	F1	0.0050	0.0023	mg/L		01/30/25 08:09	02/04/25 11:17	1
Ronnel	ND		0.0050	0.0011	mg/L		01/30/25 08:09	02/04/25 11:17	1
Stirophos	ND	F1	0.020	0.0010	mg/L		01/30/25 08:09	02/04/25 11:17	1
Tokuthion	ND		0.0050	0.0013	mg/L		01/30/25 08:09	02/04/25 11:17	1
Trichloronate	ND		0.0050	0.0012	mg/L		01/30/25 08:09	02/04/25 11:17	1

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Client Sample Results

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Method: SW846 8141A - Organophosphorous Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	98	p	30 - 151	01/30/25 08:09	02/04/25 11:17	1

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Surrogate Summary

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	TBPH1 (30-151)
570-215847-1	South Basin-Western Inlet	109
570-215847-2	South Basin-Eastern Inlet	98 p
570-215847-2 MS	South Basin-Eastern Inlet	102
570-215847-2 MSD	South Basin-Eastern Inlet	101 p
LCS 570-528018/2-A	Lab Control Sample	93
LCSD 570-528018/3-A	Lab Control Sample Dup	93 p
MB 570-528018/1-A	Method Blank	105
Surrogate Legend		
TBPH = Tributylphosphate		

QC Sample Results

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: MB 570-528018/1-A

Matrix: Water

Analysis Batch: 529372

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 528018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.0050	0.0017	mg/L		01/30/25 08:09	02/04/25 09:43	1
Bolstar	ND		0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 09:43	1
Chlorpyrifos	ND		0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 09:43	1
Coumaphos	ND		0.0050	0.0018	mg/L		01/30/25 08:09	02/04/25 09:43	1
Demeton-o/s	ND		0.010	0.0024	mg/L		01/30/25 08:09	02/04/25 09:43	1
Diazinon	ND		0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 09:43	1
Dichlorvos	ND		0.0050	0.0019	mg/L		01/30/25 08:09	02/04/25 09:43	1
Disulfoton	ND		0.010	0.0015	mg/L		01/30/25 08:09	02/04/25 09:43	1
Ethoprop	ND		0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 09:43	1
Fensulfothion	ND		0.0050	0.0029	mg/L		01/30/25 08:09	02/04/25 09:43	1
Fenthion	ND		0.0050	0.0014	mg/L		01/30/25 08:09	02/04/25 09:43	1
Merphos	ND		0.0050	0.0020	mg/L		01/30/25 08:09	02/04/25 09:43	1
Methyl parathion	ND		0.0050	0.0015	mg/L		01/30/25 08:09	02/04/25 09:43	1
Mevinphos	ND		0.0050	0.0013	mg/L		01/30/25 08:09	02/04/25 09:43	1
Naled	ND		0.040	0.015	mg/L		01/30/25 08:09	02/04/25 09:43	1
Phorate	ND		0.0050	0.0023	mg/L		01/30/25 08:09	02/04/25 09:43	1
Ronnel	ND		0.0050	0.0011	mg/L		01/30/25 08:09	02/04/25 09:43	1
Stirophos	ND		0.020	0.0010	mg/L		01/30/25 08:09	02/04/25 09:43	1
Tokuthion	ND		0.0050	0.0013	mg/L		01/30/25 08:09	02/04/25 09:43	1
Trichloronate	ND		0.0050	0.0012	mg/L		01/30/25 08:09	02/04/25 09:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	105		30 - 151	01/30/25 08:09	02/04/25 09:43	1

Lab Sample ID: LCS 570-528018/2-A

Matrix: Water

Analysis Batch: 529372

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 528018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Azinphos-methyl	0.0200	0.02207		mg/L		110	44 - 163
Bolstar	0.0200	0.01717	p	mg/L		86	41 - 151
Chlorpyrifos	0.0200	0.01827		mg/L		91	42 - 152
Coumaphos	0.0200	0.01866		mg/L		93	35 - 170
Diazinon	0.0200	0.02173		mg/L		109	43 - 155
Disulfoton	0.0200	0.01846		mg/L		92	41 - 152
Ethoprop	0.0200	0.02111		mg/L		106	47 - 158
Fensulfothion	0.0200	0.01940	p	mg/L		97	51 - 166
Fenthion	0.0200	0.02355		mg/L		118	43 - 161
Merphos	0.0200	0.03704	*+ me	mg/L		185	44 - 180
Methyl parathion	0.0200	0.02148		mg/L		107	35 - 167
Phorate	0.0200	0.01815		mg/L		91	39 - 159
Ronnel	0.0200	0.02007		mg/L		100	42 - 151
Stirophos	0.0200	0.02482	p	mg/L		124	39 - 172
Tokuthion	0.0200	0.01823		mg/L		91	33 - 155
Trichloronate	0.0200	0.01430	p	mg/L		72	39 - 157

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tributylphosphate	93		30 - 151

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QC Sample Results

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: LCSD 570-528018/3-A

Matrix: Water

Analysis Batch: 529372

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 528018

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Azinphos-methyl	0.0200	0.02169		mg/L		108	44 - 163	2	30
Bolstar	0.0200	0.01723		mg/L		86	41 - 151	0	30
Chlorpyrifos	0.0200	0.01866		mg/L		93	42 - 152	2	30
Coumaphos	0.0200	0.01880		mg/L		94	35 - 170	1	30
Diazinon	0.0200	0.02046		mg/L		102	43 - 155	6	30
Disulfoton	0.0200	0.01836		mg/L		92	41 - 152	1	30
Ethoprop	0.0200	0.02095		mg/L		105	47 - 158	1	30
Fensulfothion	0.0200	0.01964	p	mg/L		98	51 - 166	1	30
Fenthion	0.0200	0.02053		mg/L		103	43 - 161	14	30
Merphos	0.0200	0.03252		mg/L		163	44 - 180	13	30
Methyl parathion	0.0200	0.02049		mg/L		102	35 - 167	5	30
Phorate	0.0200	0.01717		mg/L		86	39 - 159	6	30
Ronnel	0.0200	0.02016		mg/L		101	42 - 151	0	30
Stirophos	0.0200	0.02194	p	mg/L		110	39 - 172	12	30
Tokuthion	0.0200	0.01942		mg/L		97	33 - 155	6	30
Trichloronate	0.0200	0.01473	p	mg/L		74	39 - 157	3	30
Surrogate									
		LCSD %Recovery	LCSD Qualifier						
Tributylphosphate		93	p						30 - 151

Lab Sample ID: 570-215847-2 MS

Matrix: Water

Analysis Batch: 529372

Client Sample ID: South Basin-Eastern Inlet

Prep Type: Total/NA

Prep Batch: 528018

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Azinphos-methyl	ND		0.0200	0.03338		mg/L		167	24 - 180
Bolstar	ND	F1 F2	0.0200	0.02935	F1	mg/L		147	36 - 135
Chlorpyrifos	ND		0.0200	0.01935		mg/L		97	34 - 137
Coumaphos	ND		0.0200	0.02774		mg/L		139	37 - 154
Diazinon	ND		0.0200	0.01717		mg/L		86	37 - 148
Disulfoton	ND		0.0200	0.01926		mg/L		96	36 - 149
Ethoprop	ND		0.0200	0.02085		mg/L		104	36 - 151
Fensulfothion	ND		0.0200	0.02958		mg/L		148	36 - 162
Fenthion	ND		0.0200	0.02491		mg/L		125	23 - 173
Merphos	ND	F1 *+	0.0200	0.04415	F1	mg/L		221	20 - 180
Methyl parathion	ND		0.0200	0.02759		mg/L		138	29 - 180
Phorate	ND	F1	0.0200	0.03182	F1	mg/L		159	40 - 139
Ronnel	ND		0.0200	0.01899		mg/L		95	34 - 155
Stirophos	ND	F1	0.0200	0.03578	p F1	mg/L		179	34 - 154
Tokuthion	ND		0.0200	0.02011		mg/L		101	32 - 140
Trichloronate	ND		0.0200	0.01817		mg/L		91	38 - 146
Surrogate									
		MS %Recovery	MS Qualifier						
Tributylphosphate		102							30 - 151

QC Sample Results

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: 570-215847-2 MSD

Matrix: Water

Analysis Batch: 529372

Client Sample ID: South Basin-Eastern Inlet

Prep Type: Total/NA

Prep Batch: 528018

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Azinphos-methyl	ND		0.0200	0.03361		mg/L		168	24 - 180	1	30
Bolstar	ND	F1 F2	0.0200	0.02367	F2	mg/L		118	36 - 135	21	20
Chlorpyrifos	ND		0.0200	0.01962		mg/L		98	34 - 137	1	30
Coumaphos	ND		0.0200	0.02592		mg/L		130	37 - 154	7	30
Diazinon	ND		0.0200	0.01867	p	mg/L		93	37 - 148	8	30
Disulfoton	ND		0.0200	0.01941		mg/L		97	36 - 149	1	30
Ethoprop	ND		0.0200	0.02156		mg/L		108	36 - 151	3	30
Fensulfothion	ND		0.0200	0.03166		mg/L		158	36 - 162	7	30
Fenthion	ND		0.0200	0.02216	p	mg/L		111	23 - 173	12	30
Merphos	ND	F1 *+	0.0200	0.04184	F1	mg/L		209	20 - 180	5	30
Methyl parathion	ND		0.0200	0.02579		mg/L		129	29 - 180	7	30
Phorate	ND	F1	0.0200	0.03867	F1	mg/L		193	40 - 139	19	30
Ronnel	ND		0.0200	0.01970		mg/L		99	34 - 155	4	30
Stirophos	ND	F1	0.0200	0.03760	p F1	mg/L		188	34 - 154	5	20
Tokuthion	ND		0.0200	0.01983		mg/L		99	32 - 140	1	30
Trichloronate	ND		0.0200	0.02334		mg/L		117	38 - 146	25	30
Surrogate	%Recovery	MSD Qualifier	MSD	Limits							
Tributylphosphate	101	p		30 - 151							

Marginal Exceedance (ME) Summary

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: LCS 570-528018/2-A

Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Azinphos-methyl	0.0200	0.02207		mg/L	110	44 - 163	24 - 183	
Bolstar	0.0200	0.01717	p	mg/L	86	41 - 151	23 - 169	
Chlorpyrifos	0.0200	0.01827		mg/L	91	42 - 152	24 - 170	
Coumaphos	0.0200	0.01866		mg/L	93	35 - 170	13 - 193	
Diazinon	0.0200	0.02173		mg/L	109	43 - 155	24 - 174	
Disulfoton	0.0200	0.01846		mg/L	92	41 - 152	23 - 171	
Ethoprop	0.0200	0.02111		mg/L	106	47 - 158	29 - 177	
Fensulfothion	0.0200	0.01940	p	mg/L	97	51 - 166	32 - 185	
Fenthion	0.0200	0.02355		mg/L	118	43 - 161	23 - 181	
Merphos	0.0200	0.03704	*+ me	mg/L	185	44 - 180	21 - 203	ME
Methyl parathion	0.0200	0.02148		mg/L	107	35 - 167	13 - 189	
Phorate	0.0200	0.01815		mg/L	91	39 - 159	19 - 179	
Ronnel	0.0200	0.02007		mg/L	100	42 - 151	24 - 169	
Stirophos	0.0200	0.02482	p	mg/L	124	39 - 172	17 - 194	
Tokuthion	0.0200	0.01823		mg/L	91	33 - 155	13 - 175	
Trichloronate	0.0200	0.01430	p	mg/L	72	39 - 157	19 - 177	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
16	1	1

ME = Marginal Exceedance

QC Association Summary

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

GC Semi VOA

Prep Batch: 528018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-215847-1	South Basin-Western Inlet	Total/NA	Water	3510C	
570-215847-2	South Basin-Eastern Inlet	Total/NA	Water	3510C	
MB 570-528018/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-528018/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-528018/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-215847-2 MS	South Basin-Eastern Inlet	Total/NA	Water	3510C	
570-215847-2 MSD	South Basin-Eastern Inlet	Total/NA	Water	3510C	

Analysis Batch: 529372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-215847-1	South Basin-Western Inlet	Total/NA	Water	8141A	528018
570-215847-2	South Basin-Eastern Inlet	Total/NA	Water	8141A	528018
MB 570-528018/1-A	Method Blank	Total/NA	Water	8141A	528018
LCS 570-528018/2-A	Lab Control Sample	Total/NA	Water	8141A	528018
LCSD 570-528018/3-A	Lab Control Sample Dup	Total/NA	Water	8141A	528018
570-215847-2 MS	South Basin-Eastern Inlet	Total/NA	Water	8141A	528018
570-215847-2 MSD	South Basin-Eastern Inlet	Total/NA	Water	8141A	528018

Lab Chronicle

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Client Sample ID: South Basin-Western Inlet
Date Collected: 01/26/25 09:30
Date Received: 01/29/25 13:13

Lab Sample ID: 570-215847-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	2.5 mL	528018	01/30/25 08:09	OAJ3	EET CAL 4
Total/NA	Analysis	8141A		1	1 mL	1 mL	529372	02/04/25 10:30	UJ3K	EET CAL 4
Instrument ID: GC68										

Client Sample ID: South Basin-Eastern Inlet
Date Collected: 01/26/25 15:30
Date Received: 01/29/25 13:13

Lab Sample ID: 570-215847-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	2.5 mL	528018	01/30/25 08:09	OAJ3	EET CAL 4
Total/NA	Analysis	8141A		1	1 mL	1 mL	529372	02/04/25 11:17	UJ3K	EET CAL 4
Instrument ID: GC68										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8141A	3510C	Water	Bolstar
8141A	3510C	Water	Coumaphos
8141A	3510C	Water	Demeton-o/s
8141A	3510C	Water	Ethoprop
8141A	3510C	Water	Fensulfothion
8141A	3510C	Water	Fenthion
8141A	3510C	Water	Merphos
8141A	3510C	Water	Mevinphos
8141A	3510C	Water	Naled
8141A	3510C	Water	Tokuthion
8141A	3510C	Water	Trichloronate
Oregon	NELAP	4175	02-02-26

Method Summary

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Method	Method Description	Protocol	Laboratory
8141A	Organophosphorous Pesticides (GC)	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: FGL Environmental
Project/Site: SP 2501198

Job ID: 570-215847-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-215847-1	South Basin-Western Inlet	Water	01/26/25 09:30	01/29/25 13:13
570-215847-2	South Basin-Eastern Inlet	Water	01/26/25 15:30	01/29/25 13:13

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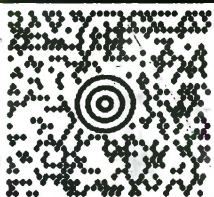
[illegible]

BRANDON QUELL
(805) 392-2000
FRUIT GROWERS LAB
853 CORPORATION ST.
SANTA PAULA CA 93060

36 LBS

SHIP TO:

ATTN: SAMPLE RECEIVING
EUROFINS CAL SCIENCE
2841 DOW AVENUE, #100
TUSTIN CA 92780



CA 927 9-08



UPS GROUND

TRACKING #: 1Z 992 031 03 6083 6077



BILLING: P/P



570-215847 Waybill

Login Sample Receipt Checklist

Client: FGL Environmental

Job Number: 570-215847-1

Login Number: 215847

List Source: Eurofins Calscience

List Number: 1

Creator: Patel, Jayesh

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

February 11, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Subject: Subcontract Analysis for FGL Lab No. SP 2501198

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-EPA 8260 - Appendix II

Please note that this analysis was performed by Zalco Laboratories, Inc.

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre



Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2025-02-11

Enclosure



Zalco
Laboratories, Inc.

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

February 07, 2025

Cindy Aguirre

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060
RE: Master

Zalco Work Order: 2501596

Zalco Project:

Enclosed are the results of analyses for samples received by our laboratory on 1/29/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, reading "Andrea Magana". The signature is fluid and cursive, with the first name "Andrea" and last name "Magana" clearly distinguishable.

Andrea Magana For Juan Magana
Laboratory Technical Manager

**Subcontract to
Zalco Laboratories, Inc.**

2501596

CHAIN OF CUSTODY
AND ANALYSES REQUEST FORM

Page 1 of 1

Page 2 of 13

Chain of Custody Information				Sample Information				Test Description(s)																					
Lab Number: Client: Fruit Growers Laboratory Address: 853 Corporation St. Santa Paula, CA 93060-3005 Phone: Fax: Contact: Project: SP 2501198 Purchase Order:				Method of Sampling: Composite (C) Grab(G)	Type of Sample	Potable(P) Non-Potable(NP) Ag Waiver (AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Sub Organic-EPA 8260 - Appendix II	***Report only the compounds on the 40CFR258 Appx II list***	***Requires MDL Reporting*** 40ml(GVT)- HCl																		
Sampler(s): Blanca H/Isaac H Compositor Setup Date: Time:																													
Samp Num	Location Description	Date Sampled	Time Sampled																										
1	South Basin - Western Inlet	01/26/2025	09:30	G	STM					4																			
2	South Basin - Eastern Inlet	01/26/2025	15:30	G	STM					4																			
Remarks Sample 1: MDL Reporting Sample 2: MDL Reporting				Relinquished Date Time <i>Cm</i> 1/28/25 17:00		Relinquished Date Time 		Relinquished Date Time 		Relinquished Date Time 		Relinquished Date Time 		Relinquished Date Time 		Relinquished Date Time 		Relinquished Date Time 		Relinquished Date Time 		Relinquished Date Time 		Relinquished Date Time 					
 				Received By: Date Time <i>ups</i> ↓ ↓		Received By: Date Time <i>Alm</i> 1/29/25 12:36		Received By: Date Time 		Received By: Date Time 		Received By: Date Time 		Received By: Date Time 		Received By: Date Time 		Received By: Date Time 		Received By: Date Time 		Received By: Date Time 		Received By: Date Time 					



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Work Order Case Narrative

Sample results evaluated to the MDL



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Sample Results

Sample Name: South Basin- Western Inlet

Sampled Date - Time: 1/26/2025 9:30:00AM

Matrix: Water

Lab ID: 2501596-01

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS

Acetone	ND	50	48	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acrolein	ND	20	4.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acrylonitrile	ND	20	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Benzene	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromochloromethane	ND	5.0	0.93	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromodichloromethane	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromoform	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromomethane	ND	5.0	2.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Butanone	ND	50	22	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Tert-butyl alcohol	ND	25	7.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Carbon disulfide	ND	5.0	2.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Carbon tetrachloride	ND	5.0	1.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chlorobenzene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroethane	ND	5.0	3.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Chloroethylvinyl ether	ND	5.0	1.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroform	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloromethane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dibromoethane (EDB)	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dibromomethane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichlorobenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3-Dichlorobenzene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,4-Dichlorobenzene	ND	5.0	2.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dichlorodifluoromethane	ND	5.0	0.91	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichloroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloroethene	ND	5.0	1.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
trans-1,2-Dichloroethene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichloropropane	ND	5.0	0.92	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
cis-1,3-Dichloropropene	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
trans-1,3-Dichloropropene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromobenzene	ND	5.0	0.96	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
n-Butylbenzene	ND	5.0	3.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
sec-Butylbenzene	ND	5.0	2.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Ethyl acetate	ND	50	7.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
tert-Butylbenzene	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Chlorotoluene	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Ethylbenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
4-Chlorotoluene	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Sample Results
(Continued)

Sample Name: South Basin- Western Inlet (Continued)

Sampled Date - Time: 1/26/2025 9:30:00AM

Matrix: Water

Lab ID: 2501596-01

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS (Continued)

Dibromochloromethane	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
cis-1,2-Dichloroethene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3-Dichloropropane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Hexachlorobutadiene	ND	5.0	3.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2,2-Dichloropropane	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloropropene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Hexanone	ND	50	32	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Di-isopropyl ether	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Ethyl tert-Butyl Ether	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Iodomethane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
4-Isopropyltoluene	ND	5.0	2.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Isopropylbenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Methyl tert-Butyl Ether	ND	5.0	0.91	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
n-Propyl Benzene	ND	5.0	2.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Tert-Amyl Methyl Ether	ND	5.0	1.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,3-Trichlorobenzene	ND	5.0	2.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,4-Trimethylbenzene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Methylene chloride	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3,5-Trimethylbenzene	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
4-Methyl-2-pentanone	ND	50	24	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Xylenes, total	0.0			ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
m,p-Xylene	ND	5.0	3.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
o-Xylene	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Naphthalene	ND	5.0	3.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Styrene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Toluene	ND	5.0	3.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2,2-Tetrachloroethane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Tetrachloroethene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,1,2-Tetrachloroethane	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,4-Trichlorobenzene	ND	5.0	3.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,1-Trichloroethane	ND	5.0	1.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2-Trichloroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Trichloroethene	ND	5.0	0.85	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Trichlorofluoromethane	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,3-Trichloropropane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Vinyl acetate	ND	5.0	4.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Vinyl chloride	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	

Surrogate: 1,2-Dichloroethane-d4

103%

72-130

1/30/25 16:33

SW846 8260B

JAM

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Sample Results

(Continued)

Sample Name: South Basin- Western Inlet (Continued)

Sampled Date - Time:

1/26/2025 9:30:00AM

Matrix:

Water

Lab ID: 2501596-01

Sample Type:

Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS (Continued)

Surrogate: Toluene-d8	98.4%	92-111	1/30/25 16:33	SW846 8260B	JAM
Surrogate: 4-Bromofluorobenzene	98.1%	87-108	1/30/25 16:33	SW846 8260B	JAM



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Sample Results
(Continued)

Sample Name: South Basin- Eastern Inlet

Sampled Date - Time: 1/26/2025 3:30:00PM

Matrix: Water

Lab ID: 2501596-02

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS

Acetone	ND	50	48	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acrolein	ND	20	4.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acrylonitrile	ND	20	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Benzene	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromochloromethane	ND	5.0	0.93	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromodichloromethane	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromoform	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromomethane	ND	5.0	2.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Butanone	ND	50	22	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Tert-butyl alcohol	ND	25	7.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Carbon disulfide	ND	5.0	2.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Carbon tetrachloride	ND	5.0	1.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chlorobenzene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroethane	ND	5.0	3.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Chloroethylvinyl ether	ND	5.0	1.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroform	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloromethane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dibromoethane (EDB)	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dibromomethane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichlorobenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3-Dichlorobenzene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,4-Dichlorobenzene	ND	5.0	2.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dichlorodifluoromethane	ND	5.0	0.91	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichloroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloroethene	ND	5.0	1.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
trans-1,2-Dichloroethene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichloropropane	ND	5.0	0.92	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
cis-1,3-Dichloropropene	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
trans-1,3-Dichloropropene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromobenzene	ND	5.0	0.96	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
n-Butylbenzene	ND	5.0	3.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
sec-Butylbenzene	ND	5.0	2.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Ethyl acetate	ND	50	7.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
tert-Butylbenzene	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Chlorotoluene	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Ethylbenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
4-Chlorotoluene	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	

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Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Sample Results
(Continued)

Sample Name: South Basin- Eastern Inlet (Continued)

Sampled Date - Time: 1/26/2025 3:30:00PM

Matrix: Water

Lab ID: 2501596-02

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS (Continued)

Dibromochloromethane	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
cis-1,2-Dichloroethene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3-Dichloropropane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Hexachlorobutadiene	ND	5.0	3.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2,2-Dichloropropane	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloropropene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Hexanone	ND	50	32	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Di-isopropyl ether	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Ethyl tert-Butyl Ether	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Iodomethane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
4-Isopropyltoluene	ND	5.0	2.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Isopropylbenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Methyl tert-Butyl Ether	ND	5.0	0.91	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
n-Propyl Benzene	ND	5.0	2.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Tert-Amyl Methyl Ether	ND	5.0	1.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,3-Trichlorobenzene	ND	5.0	2.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,4-Trimethylbenzene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Methylene chloride	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3,5-Trimethylbenzene	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
4-Methyl-2-pentanone	ND	50	24	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Xylenes, total	0.0			ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
m,p-Xylene	ND	5.0	3.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
o-Xylene	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Naphthalene	ND	5.0	3.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Styrene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Toluene	ND	5.0	3.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2,2-Tetrachloroethane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Tetrachloroethene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,1,2-Tetrachloroethane	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,4-Trichlorobenzene	ND	5.0	3.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,1-Trichloroethane	ND	5.0	1.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2-Trichloroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Trichloroethene	ND	5.0	0.85	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Trichlorofluoromethane	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,3-Trichloropropane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Vinyl acetate	ND	5.0	4.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Vinyl chloride	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	

Surrogate: 1,2-Dichloroethane-d4

103%

72-130

1/30/25 16:33

SW846 8260B

JAM

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Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Sample Results

(Continued)

Sample Name: South Basin- Eastern Inlet (Continued)

Sampled Date - Time:

1/26/2025 3:30:00PM

Matrix:

Water

Lab ID: 2501596-02

Sample Type:

Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS (Continued)

Surrogate: Toluene-d8	99.9%	92-111	1/30/25 16:33	SW846 8260B	JAM
Surrogate: 4-Bromofluorobenzene	100%	87-108	1/30/25 16:33	SW846 8260B	JAM



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853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Quality Control

Volatile Organic Compounds by GC/MS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B

Blank (5B00177-BLK1)

Prepared & Analyzed: 1/30/2025

Acetone	ND		50	ug/L
Acrolein	ND		20	ug/L
Acrylonitrile	ND		20	ug/L
Benzene	ND		5.0	ug/L
Bromochloromethane	ND		5.0	ug/L
Bromodichloromethane	ND		5.0	ug/L
Bromoform	ND		5.0	ug/L
Bromomethane	ND		5.0	ug/L
2-Butanone	ND		50	ug/L
Tert-butyl alcohol	ND		25	ug/L
Carbon disulfide	ND		5.0	ug/L
Carbon tetrachloride	ND		5.0	ug/L
Chlorobenzene	ND		5.0	ug/L
Chloroethane	ND		5.0	ug/L
2-Chloroethylvinyl ether	ND		5.0	ug/L
Chloroform	ND		5.0	ug/L
Chloromethane	ND		5.0	ug/L
1,2-Dibromo-3-chloropropane	ND		5.0	ug/L
1,2-Dibromoethane (EDB)	ND		5.0	ug/L
Dibromomethane	ND		5.0	ug/L
1,2-Dichlorobenzene	ND		5.0	ug/L
1,3-Dichlorobenzene	ND		5.0	ug/L
1,4-Dichlorobenzene	ND		5.0	ug/L
Dichlorodifluoromethane	ND		5.0	ug/L
1,1-Dichloroethane	ND		5.0	ug/L
1,2-Dichloroethane	ND		5.0	ug/L
1,1-Dichloroethene	ND		5.0	ug/L
trans-1,2-Dichloroethene	ND		5.0	ug/L
1,2-Dichloropropane	ND		5.0	ug/L
cis-1,3-Dichloropropene	ND		5.0	ug/L
trans-1,3-Dichloropropene	ND		5.0	ug/L
Bromobenzene	ND		5.0	ug/L
n-Butylbenzene	ND		5.0	ug/L
sec-Butylbenzene	ND		5.0	ug/L
Ethyl acetate	ND		50	ug/L
tert-Butylbenzene	ND		5.0	ug/L
2-Chlorotoluene	ND		5.0	ug/L
Ethylbenzene	ND		5.0	ug/L
4-Chlorotoluene	ND		5.0	ug/L
Dibromochloromethane	ND		5.0	ug/L
cis-1,2-Dichloroethene	ND		5.0	ug/L
1,3-Dichloropropane	ND		5.0	ug/L
Hexachlorobutadiene	ND		5.0	ug/L
2,2-Dichloropropane	ND		5.0	ug/L
1,1-Dichloropropene	ND		5.0	ug/L
2-Hexanone	ND		50	ug/L
Di-isopropyl ether	ND		5.0	ug/L

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Reported:
02/07/2025 20:26

Quality Control (Continued)

Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B (Continued)

Blank (5B00177-BLK1)

Prepared & Analyzed: 1/30/2025

Ethyl tert-Butyl Ether	ND		5.0	ug/L						
Iodomethane	ND		5.0	ug/L						
4-Isopropyltoluene	ND		5.0	ug/L						
Isopropylbenzene	ND		5.0	ug/L						
Methyl tert-Butyl Ether	ND		5.0	ug/L						
n-Propyl Benzene	ND		5.0	ug/L						
Tert-Amyl Methyl Ether	ND		5.0	ug/L						
1,2,3-Trichlorobenzene	ND		5.0	ug/L						
1,2,4-Trimethylbenzene	ND		5.0	ug/L						
Methylene chloride	ND		5.0	ug/L						
1,3,5-Trimethylbenzene	ND		5.0	ug/L						
4-Methyl-2-pentanone	ND		50	ug/L						
Xylenes, total	0.0			ug/L						
m,p-Xylene	ND		5.0	ug/L						
o-Xylene	ND		5.0	ug/L						
Naphthalene	ND		5.0	ug/L						
Styrene	ND		5.0	ug/L						
Toluene	ND		5.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L						
Tetrachloroethene	ND		5.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		5.0	ug/L						
1,2,4-Trichlorobenzene	ND		5.0	ug/L						
1,1,1-Trichloroethane	ND		5.0	ug/L						
1,1,2-Trichloroethane	ND		5.0	ug/L						
Trichloroethene	ND		5.0	ug/L						
Trichlorofluoromethane	ND		5.0	ug/L						
1,2,3-Trichloropropane	ND		5.0	ug/L						
Vinyl acetate	ND		5.0	ug/L						
Vinyl chloride	ND		5.0	ug/L						
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4			54.9	ug/L	50.0		110	72-130		
Surrogate: Toluene-d8			46.3	ug/L	50.0		92.6	92-111		
Surrogate: 4-Bromofluorobenzene			52.7	ug/L	50.0		105	87-108		

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Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Quality Control
(Continued)

Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B (Continued)

LCS (5B00177-BS1)

Prepared & Analyzed: 1/30/2025

Benzene	44		5.0	ug/L	50.0		88.2	84-158		
Chlorobenzene	40		5.0	ug/L	50.0		79.0	9.64-172		
1,1-Dichloroethene	41	JMM-05	5.0	ug/L	50.0		82.9	93-220		
Toluene	38		5.0	ug/L	50.0		76.8	66-147		
Trichloroethene	42	JMM-05	5.0	ug/L	50.0		84.6	86-146		
Surrogate: 1,2-Dichloroethane-d4			47.8	ug/L	50.0		95.6	72-130		
Surrogate: Toluene-d8			50.1	ug/L	50.0		100	92-111		
Surrogate: 4-Bromofluorobenzene			47.4	ug/L	50.0		94.9	87-108		

Matrix Spike (5B00177-MS1)

Source: 2501534-01

Prepared & Analyzed: 1/30/2025

Benzene	42		5.0	ug/L	50.0	ND	84.7	77-164		
Chlorobenzene	38		5.0	ug/L	50.0	ND	76.2	18-182		
1,1-Dichloroethene	37		5.0	ug/L	50.0	ND	73.1	73-224		
Toluene	37		5.0	ug/L	50.0	ND	73.1	64-149		
Trichloroethene	41		5.0	ug/L	50.0	ND	82.0	76-159		
Surrogate: 1,2-Dichloroethane-d4			49.9	ug/L	50.0		99.8	72-130		
Surrogate: Toluene-d8			49.7	ug/L	50.0		99.4	92-111		
Surrogate: 4-Bromofluorobenzene			48.1	ug/L	50.0		96.2	87-108		

Matrix Spike Dup (5B00177-MSD1)

Source: 2501534-01

Prepared & Analyzed: 1/30/2025

Benzene	44		5.0	ug/L	50.0	ND	88.0	77-164	3.82	20
Chlorobenzene	40		5.0	ug/L	50.0	ND	80.7	18-182	5.63	20
1,1-Dichloroethene	41		5.0	ug/L	50.0	ND	81.2	73-224	10.5	20
Toluene	39		5.0	ug/L	50.0	ND	77.2	64-149	5.40	20
Trichloroethene	43		5.0	ug/L	50.0	ND	86.2	76-159	5.04	20
Surrogate: 1,2-Dichloroethane-d4			50.3	ug/L	50.0		101	72-130		
Surrogate: Toluene-d8			49.5	ug/L	50.0		99.0	92-111		
Surrogate: 4-Bromofluorobenzene			47.8	ug/L	50.0		95.6	87-108		

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853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501198
Project Manager: Cindy Aguirre

Reported:
02/07/2025 20:26

Notes and Definitions

Item	Definition
JMM-05	Percent recoveries are out of Zalco acceptance range. However, they are within EPA limits.
Dry	Sample results reported on a dry weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

February 21, 2025

Lab No. : SP 2501198

Customer No. : 2028560

Chiquita Canyon, LLC
 Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Laboratory Report

Introduction: This report package contains a total of 17 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(7 pages)	: Results for each sample submitted.
Quality Control	(8 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab No.	Matrix
South Basin - Western Inlet	01/26/2025	01/27/2025	SP 2501198-001	STM
South Basin - Eastern Inlet	01/26/2025	01/27/2025	SI 01198-002	STM

Approved By **Kelly A. Dunnahoo, B.S.**  Title: Laboratory Director

Sampling and Receipt Information:

All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples were received, prepared and analyzed within the method specified holding times. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the associated Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary

608/8081	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 200.7	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 200.8	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 245.1	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 420.1	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 8082	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 4500-CN E	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 4500-S D	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)

Discussion of Analytical Results:

Amended Note - 02/21/25 - Amended to include EPA 8081 results.

Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature. This report shall not be reproduced except in full, without the written approval of the laboratory.

KD: SMH

February 21, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Western Inlet
Project : Chiquita Canyon Landfill-Appendix II

Lab No. : SP 2501198-001
Customer No. : 2028560

Sampled On : January 26, 2025 at 09:30
Sampled By : Blanca H/Isaac H
Received On : January 27, 2025 at 09:45
Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
Metals, Total							Date	Time	Who	Method	Date	Time	Who
Antimony	0.00188	0.0005	0.00038	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Arsenic	0.00718	0.002	0.00042	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Barium	0.201	0.001	0.00027	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Beryllium	0.000741	0.0005	0.000082	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Cadmium	0.000389	0.0002	0.00011	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Chromium	0.0182	0.0005	0.00045	mg/L	1	h	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Cobalt	0.00772	0.001	0.000080	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Copper	0.0355	0.0005	0.00019	mg/L	1	hl	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Lead	0.0166	0.0005	0.00010	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Mercury	0.000034	0.00002	0.000008	mg/L	1		01/29/2025	11:00	ejc	EPA 245.1	01/30/2025	10:55	ejc
Nickel	0.0157	0.001	0.00050	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Selenium	0.00447	0.002	0.00051	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Silver	0.000446	0.00025	0.000072	mg/L	1	l	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Thallium	0.0000360	0.001	0.000024	mg/L	1	J	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Tin	ND	0.02	0.0025	mg/L	1	U	02/19/2025	05:00	ejc	EPA 200.7	02/19/2025	12:04	ac
Vanadium	0.0299	0.002	0.00061	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Zinc	0.0902	0.01	0.00042	mg/L	1	lh	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	17:17	ac
Wet Chemistry													
Cyanide, Total	0.000342	0.004	-0.00046	mg/L	1	J	02/05/2025	16:35	amm	SM 4500-CN E	02/06/2025	17:48	amm
Phenols	0.0783	0.1	0.070	mg/L	1	J	02/09/2025	18:57	amm	EPA 420.1	02/09/2025	23:03	amm
Sulfide, Total	0.0286	0.1	0.024	mg/L	1	J	01/29/2025	15:30	ctl	SM 4500-S D	01/29/2025	17:00	ctl

DQF Flags Definition:

- h The MS/MSD did not meet QC criteria.
- l The MS/MSD did not meet QC criteria.
- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.
- U Constituent results were non-detect.
- I The RPD for the laboratory duplicate exceeded laboratory criteria.

ND=Non-Detected, RL=Reporting Level.

February 21, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Western Inlet
Project : Chiquita Canyon Landfill-Appendix II

Lab No. : SP 2501198-001

Customer No. : 2028560

Sampled On : January 26, 2025 at 09:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Organic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
EPA 8081													
Tetrachloro-m-xylene ‡	33.3	5-124		%	0.9	I	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Aldrin	ND	0.0472	0.011	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Alpha BHC	ND	0.0472	0.0088	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Beta BHC	ND	0.0472	0.023	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Delta BHC	ND	0.0472	0.0094	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Gamma BHC (Lindane)	ND	0.0377	0.041	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Chlordane	ND	0.0943	0.085	ug/L	0.9	UI	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
alpha-Chlordane	ND	0.0472	0.018	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
gamma-Chlordane	ND	0.0472	0.022	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
4,4 - DDD	ND	0.0472	0.011	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
4,4 - DDE	ND	0.0472	0.011	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
4,4 - DDT	ND	0.0472	0.025	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/20/2025	18:32	sbl
Dieldrin	ND	0.0472	0.026	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Endosulfan I	ND	0.0472	0.010	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Endosulfan II	ND	0.0189	0.016	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Endosulfan Sulfate	ND	0.0472	0.0062	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Endrin	ND	0.0472	0.0083	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Endrin Aldehyde	ND	0.0283	0.0051	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Endrin Ketone	ND	0.0472	0.014	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Heptachlor	ND	0.0472	0.0068	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Heptachlor Epoxide	ND	0.0472	0.028	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
Methoxychlor	ND	0.0943	0.052	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/20/2025	18:32	sbl
Toxaphene	ND	0.472	0.11	ug/L	0.9	UI	01/28/2025	13:20	ctc	608/8081	02/04/2025	02:24	sbl
EPA 8082													
Tetrachloro-m-xylene ‡	31.7	14-157		%	0.9		01/28/2025	13:50	ctc	EPA 8082	02/04/2025	02:44	sbl
PCB 1016/1242	ND	0.472	0.23	ug/L	0.9	U	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	02:44	sbl
PCB 1221	ND	0.472	0.32	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	02:44	sbl
PCB 1232	ND	0.472	0.28	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	02:44	sbl
PCB 1248	ND	0.472	0.23	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	02:44	sbl
PCB 1254	ND	0.472	0.33	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	02:44	sbl
PCB 1260	ND	0.472	0.13	ug/L	0.9	U	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	02:44	sbl
PCB 1242	ND	0.472	0.27	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	02:44	sbl

DQF Flags Definition:

- I The RPD for the laboratory duplicate exceeded laboratory criteria.
- U Constituent results were non-detect.
- L The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.

ND=Non-Detected, RL=Reporting Level $\pm$ Surrogate.

February 21, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Eastern Inlet
Project : Chiquita Canyon Landfill-Appendix II

Lab No. : SP 2501198-002

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
Metals, Total							Date	Time	Who	Method	Date	Time	Who
Antimony	0.00356	0.0005	0.00038	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Arsenic	0.0485	0.002	0.00042	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Barium	0.928	0.005	0.0014	mg/L	5		01/29/2025	08:00	ejc	EPA 200.8	01/31/2025	12:30	ac
Beryllium	0.00667	0.0005	0.000082	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Cadmium	0.00906	0.0002	0.00011	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Chromium	0.0773	0.0005	0.00045	mg/L	1	h	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Cobalt	0.0714	0.001	0.000080	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Copper	0.301	0.0005	0.00019	mg/L	1	hl	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Lead	0.292	0.0005	0.00010	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Mercury	0.000409	0.00002	0.000008	mg/L	1		01/29/2025	11:00	ejc	EPA 245.1	01/30/2025	11:08	ejc
Nickel	0.103	0.001	0.00050	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Selenium	0.00392	0.002	0.00051	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Silver	0.00134	0.00025	0.000072	mg/L	1	l	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Thallium	0.000121	0.001	0.000024	mg/L	1	J	01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Tin	ND	0.02	0.0025	mg/L	1	U	02/19/2025	05:00	ejc	EPA 200.7	02/19/2025	12:11	ac
Vanadium	0.244	0.002	0.00061	mg/L	1		01/29/2025	08:00	ejc	EPA 200.8	01/30/2025	16:30	ac
Zinc	2.01	0.05	0.0021	mg/L	5	l	01/29/2025	08:00	ejc	EPA 200.8	01/31/2025	12:30	ac
Wet Chemistry													
Cyanide, Total	-0.000147	0.004	-0.00046	mg/L	1	J	02/05/2025	16:35	amm	SM 4500-CN E	02/06/2025	17:48	amm
Phenols	0.0854	0.1	0.070	mg/L	1	J	02/09/2025	18:57	amm	EPA 420.1	02/09/2025	23:03	amm
Sulfide, Total	0.0255	0.1	0.024	mg/L	1	J	01/29/2025	15:30	ctl	SM 4500-S D	01/29/2025	17:00	ctl

DQF Flags Definition:

- h The MS/MSD did not meet QC criteria.
- l The MS/MSD did not meet QC criteria.
- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.
- U Constituent results were non-detect.
- I The RPD for the laboratory duplicate exceeded laboratory criteria.

ND=Non-Detected, RL=Reporting Level. ‡ Surrogate.

February 21, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Eastern Inlet
Project : Chiquita Canyon Landfill-Appendix II

Lab No. : SP 2501198-002
Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30
Sampled By : Blanca H/Isaac H
Received On : January 27, 2025 at 09:45
Matrix : Stormwater

Sample Results - Organic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
EPA 8081													
Tetrachloro-m-xylene ‡	14.3	5-124		%	0.9	I	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Aldrin	ND	0.0472	0.011	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Alpha BHC	ND	0.0472	0.0088	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Beta BHC	ND	0.0472	0.023	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Delta BHC	ND	0.0472	0.0094	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Gamma BHC (Lindane)	ND	0.0377	0.041	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Chlordane	ND	0.0943	0.085	ug/L	0.9	UI	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
alpha-Chlordane	ND	0.0472	0.018	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
gamma-Chlordane	ND	0.0472	0.022	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
4,4 - DDD	ND	0.0472	0.011	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
4,4 - DDE	ND	0.0472	0.011	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
4,4 - DDT	ND	0.0472	0.025	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/20/2025	18:52	sbl
Dieldrin	ND	0.0472	0.026	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Endosulfan I	ND	0.0472	0.010	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Endosulfan II	ND	0.0189	0.016	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Endosulfan Sulfate	ND	0.0472	0.0062	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Endrin	ND	0.0472	0.0083	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Endrin Aldehyde	ND	0.0283	0.0051	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Endrin Ketone	ND	0.0472	0.014	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Heptachlor	ND	0.0472	0.0068	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Heptachlor Epoxide	ND	0.0472	0.028	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
Methoxychlor	ND	0.0943	0.052	ug/L	0.9	U	01/28/2025	13:20	ctc	608/8081	02/20/2025	18:52	sbl
Toxaphene	ND	0.472	0.11	ug/L	0.9	UI	01/28/2025	13:20	ctc	608/8081	02/04/2025	03:03	sbl
EPA 8082													
Tetrachloro-m-xylene ‡	13.4	14-157		%	0.9	L	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	03:22	sbl
PCB 1016/1242	ND	0.472	0.23	ug/L	0.9	U	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	03:22	sbl
PCB 1221	ND	0.472	0.32	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	03:22	sbl
PCB 1232	ND	0.472	0.28	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	03:22	sbl
PCB 1248	ND	0.472	0.23	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	03:22	sbl
PCB 1254	ND	0.472	0.33	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	03:22	sbl
PCB 1260	ND	0.472	0.13	ug/L	0.9	U	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	03:22	sbl
PCB 1242	ND	0.472	0.27	ug/L	0.9	UL	01/28/2025	13:50	ctc	EPA 8082	02/04/2025	03:22	sbl

DQF Flags Definition:

- I The RPD for the laboratory duplicate exceeded laboratory criteria.
- U Constituent results were non-detect.
- L The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.

February 21, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Description : South Basin - Eastern Inlet
 Project : Chiquita Canyon Landfill-Appendix II

Lab No. : SP 2501198-002
Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30
 Sampled By : Blanca H/Isaac H
 Received On : January 27, 2025 at 09:45
 Matrix : Stormwater

Sample Results - Field Test

Constituent	Result	RL	Units	Note	Sample Preparation		Sample Analysis	
Field Test					Method	Date Time	Method	Date Time
pH (Field)	8.29		units			01/26/2025 15:30	4500HB	01/26/2025 15:30

ND=Non-Detected, RL=Reporting Level ‡ Surrogate.

February 21, 2025
Chiquita Canyon Landfill

Lab No. : SP 2501198
Customer No. : 2028560

Quality Control - Metals

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Tin	200.7	02/19/2025:201839EJC	Blank	mg/L		ND	<0.02	
			LCS	mg/L	0.4800	96.3%	85-115	
			MS	mg/L	0.4800	95.4%	75-125	
		(STK2532201-001)	MSD	mg/L	0.4800	95.5%	75-125	
			MSRPD	mg/L		0.1%	≤20.0	
			MS	mg/L	0.4800	93.0%	75-125	
		(STK2532311-001)	MSD	mg/L	0.4800	97.6%	75-125	
			MSRPD	mg/L		4.8%	≤20.0	
Antimony	200.8	01/29/2025:201037EJC	Blank	ug/L		ND	<0.5	
			LCS	ug/L	50.00	95.2%	85-115	
			MS	ug/L	50.00	101%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	101%	75-125	
			MSRPD	ug/L		0.2%	≤20.0	
			MS	ug/L	50.00	97.6%	75-125	
		(STK2531095-001)	MSD	ug/L	50.00	106%	75-125	
			MSRPD	ug/L		6.5%	≤20.0	
Arsenic	200.8	01/29/2025:201037EJC	Blank	ug/L		ND	<2	
			LCS	ug/L	50.00	99.4%	85-115	
			MS	ug/L	50.00	102%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	105%	75-125	
			MSRPD	ug/L		2.5%	≤20	
			MS	ug/L	50.00	100%	75-125	
		(STK2531095-001)	MSD	ug/L	50.00	108%	75-125	
			MSRPD	ug/L		6.7%	≤20	
Barium	200.8	01/29/2025:201037EJC	Blank	ug/L		ND	<1	
			LCS	ug/L	50.00	96.7%	85-115	
			MS	ug/L	50.00	101%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	103%	75-125	
			MSRPD	ug/L		1.5%	≤20	
			MS	ug/L	50.00	97.5%	75-125	
		(STK2531095-001)	MSD	ug/L	50.00	108%	75-125	
			MSRPD	ug/L		2.9%	≤20	
Beryllium	200.8	01/29/2025:201037EJC	Blank	ug/L		ND	<0.5	
			LCS	ug/L	50.00	92.0%	85-115	
			MS	ug/L	50.00	94.8%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	95.7%	75-125	
			MSRPD	ug/L		0.9%	≤20	
			MS	ug/L	50.00	92.3%	75-125	
		(STK2531095-001)	MSD	ug/L	50.00	98.2%	75-125	
			MSRPD	ug/L		6.2%	≤20	
Cadmium	200.8	01/29/2025:201037EJC	Blank	ug/L		ND	<0.2	
			LCS	ug/L	50.00	96.5%	85-115	
			MS	ug/L	50.00	103%	75-125	
			MSD	ug/L	50.00	104%	75-125	
			MSRPD	ug/L		0.9%	≤20.0	
			MS	ug/L	50.00	99.7%	75-125	

February 21, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501198

Customer No. : 2028560

Quality Control - Metals

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Chromium	200.8	(STK2531095-001)	MSD	ug/L	50.00	102%	75-125	
			MSRPD	ug/L		1.1%	≤20.0	
		01/29/2025:201037EJC	Blank	ug/L		ND	<0.5	
			LCS	ug/L	50.00	98.9%	85-115	
			MS	ug/L	50.00	125%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	125%	75-125	
			MSRPD	ug/L		0.2%	≤20.0	
			MS	ug/L	50.00	130%	75-125	
Cobalt	200.8	(STK2531095-001)	MSD	ug/L	50.00	137%	75-125	435
			MSRPD	ug/L		2.4%	≤20.0	435
		01/29/2025:201037EJC	Blank	ug/L		ND	<1	
			LCS	ug/L	50.00	98.6%	85-115	
			MS	ug/L	50.00	103%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	104%	75-125	
			MSRPD	ug/L		0.9%	≤20	
			MS	ug/L	50.00	99.5%	75-125	
Copper	200.8	(STK2531095-001)	MSD	ug/L	50.00	107%	75-125	
			MSRPD	ug/L		6.8%	≤20	
		01/29/2025:201037EJC	Blank	ug/L		ND	<0.5	
			LCS	ug/L	50.00	98.2%	85-115	
			MS	ug/L	50.00	18.8%	<¼	
		(SP 2501245-001)	MSD	ug/L	50.00	118%	75-125	
			MSRPD	ug/L		5.7%	≤20.0	
			MS	ug/L	50.00	-35.2%	75-125	435
Lead	200.8	(STK2531095-001)	MSD	ug/L	50.00	-35.8%	75-125	435
			MSRPD	ug/L		0.4%	≤20.0	
		01/29/2025:201037EJC	Blank	ug/L		ND	<0.5	
			LCS	ug/L	50.00	96.2%	85-115	
			MS	ug/L	50.00	99.2%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	100%	75-125	
			MSRPD	ug/L		1.0%	≤20.0	
			MS	ug/L	50.00	97.8%	75-125	
Nickel	200.8	(STK2531095-001)	MSD	ug/L	50.00	106%	75-125	
			MSRPD	ug/L		5.3%	≤20.0	
		01/29/2025:201037EJC	Blank	ug/L		ND	<1	
			LCS	ug/L	50.00	98.9%	85-115	
			MS	ug/L	50.00	123%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	121%	75-125	
			MSRPD	ug/L		1.6%	≤20	
			MS	ug/L	50.00	139%	<¼	406
Selenium	200.8	(STK2531095-001)	MSD	ug/L	50.00	149%	<1/4	
			MSRPD	ug/L		1.8%	≤20	
		01/29/2025:201037EJC	Blank	ug/L		ND	<2	
			LCS	ug/L	50.00	102%	85-115	
			MS	ug/L	50.00	102%	75-125	
		(SP 2501245-001)	MSD	ug/L	50.00	104%	75-125	
			MSRPD	ug/L		2.3%	≤20.0	
			MS	ug/L	50.00	95.0%	75-125	
Silver	200.8	(STK2531095-001)	MSD	ug/L	50.00	106%	75-125	
			MSRPD	ug/L		10.6%	≤20.0	
Silver	200.8	01/29/2025:201037EJC	Blank	ug/L		ND	<0.25	

February 21, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501198

Customer No. : 2028560

Quality Control - Metals

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
		(SP 2501245-001)	LCS	ug/L	50.00	91.2%	85-115	435
			MS	ug/L	50.00	35.8%	75-125	
			MSD	ug/L	50.00	25.7%	75-125	
		(STK2531095-001)	MSRPD	ug/L		31.6%	≤20.0	
			MS	ug/L	50.00	23.9%	75-125	
			MSD	ug/L	50.00	22.0%	75-125	
Thallium	200.8	01/29/2025:201037EJC	MSRPD	ug/L		4.9%	≤20.0	
			Blank	ug/L		ND	<1	
			LCS	ug/L	50.00	96.4%	85-115	
		(SP 2501245-001)	MS	ug/L	50.00	100%	75-125	
			MSD	ug/L	50.00	103%	75-125	
			MSRPD	ug/L		2.3%	≤20	
Vanadium	200.8	01/29/2025:201037EJC	MS	ug/L	50.00	98.7%	75-125	
			MSD	ug/L	50.00	106%	75-125	
			MSRPD	ug/L		7.2%	≤20	
		(STK2531095-001)	Blank	ug/L		ND	<2	
			LCS	ug/L	50.00	97.9%	85-115	
			MS	ug/L	50.00	104%	75-125	
Zinc	200.8	01/29/2025:201037EJC	MSD	ug/L	50.00	105%	75-125	435
			MSRPD	ug/L		1.5%	≤20	
			MS	ug/L	50.00	109%	75-125	
		(STK2531095-001)	MSD	ug/L	50.00	114%	75-125	
			MSRPD	ug/L		2.6%	≤20	
			Blank	ug/L		ND	<10	
Mercury	245.1	01/29/2025:201039EJC	LCS	ug/L	0.2000	103%	85-115	406
			MS	ug/L	0.2000	90.8%	75-125	
			MSD	ug/L	0.2000	90.8%	75-125	
		(VI 2540568-001)	MSRPD	ug/L		0.0%	≤20	
			Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.2000	103%	85-115	

Definition

- Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
- DQO : Data Quality Objective - This is the criteria against which the quality control data is compared.
- LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
- MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
- MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
- MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
- ND : Non-detect - Result was below the DQO listed for the analyte.

Explanation

- 406 : Matrix Spike (MS) not within the Acceptance Range (AR) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
- 435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

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Chiquita Canyon Landfill

Lab No. : SP 2501198

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic Aldrin	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	85.4%	42-140	
			BS	ug/L	0.5000	80.6%	42-140	
			BSD	ug/L	0.5000	86.8%	42-140	
			BSRPD	ug/L		7.4%	≤35	
Alpha BHC	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	95.6%	37-140	
			BS	ug/L	0.5000	91.1%	37-140	
			BSD	ug/L	0.5000	96.1%	37-140	
			BSRPD	ug/L		5.3%	≤36	
alpha-Chlordane	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	93.4%	45-140	
			BS	ug/L	0.5000	91.3%	45-140	
			BSD	ug/L	0.5000	98.0%	45-140	
			BSRPD	ug/L		7.1%	≤35	
Beta BHC	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	95.6%	17-147	
			BS	ug/L	0.5000	89.6%	17-147	
			BSD	ug/L	0.5000	96.8%	17-147	
			BSRPD	ug/L		7.7%	≤44	
Chlordane	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.1	
Delta BHC	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	104%	19-140	
			BS	ug/L	0.5000	99.8%	19-140	
			BSD	ug/L	0.5000	108%	19-140	
			BSRPD	ug/L		7.5%	≤52	
Dieldrin	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	89.0%	36-146	
			BS	ug/L	0.5000	86.6%	49-118	
			BSD	ug/L	0.5000	93.5%	49-118	
			BSRPD	ug/L		7.6%	≤49	
Endosulfan I	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	91.6%	45-153	
			BS	ug/L	0.5000	89.5%	17-168	
			BSD	ug/L	0.5000	97.2%	17-168	
			BSRPD	ug/L		8.2%	≤28	
Endosulfan II	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.02	
			LCS	ug/L	0.5000	92.2%	5-202	
			BS	ug/L	0.5000	88.2%	0-291	
			BSD	ug/L	0.5000	98.6%	0-291	
			BSRPD	ug/L		11.1%	≤53	
Endosulfan Sulfate	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	84.7%	26-144	
			BS	ug/L	0.5000	80.5%	47-128	
			BSD	ug/L	0.5000	92.2%	47-128	
			BSRPD	ug/L		13.4%	≤38	
Endrin	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	80.5%	51-130	
			BS	ug/L	0.5000	63.4%	43-132	
			BSD	ug/L	0.5000	83.5%	43-132	

February 21, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501198

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Endrin Aldehyde	608.3	01/28/2025:201001CTC	BSRPD	ug/L		27.4%	≤48	
			Blank	ug/L		ND	<0.03	
			LCS	ug/L	0.5000	76.8%	50-130	
			BS	ug/L	0.5000	75.8%	16-116	
			BSD	ug/L	0.5000	83.2%	16-116	
Endrin Ketone	608.3	01/28/2025:201001CTC	BSRPD	ug/L		9.3%	≤40	
			Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	103%	50-130	
			BS	ug/L	0.5000	104%	28-162	
			BSD	ug/L	0.5000	118%	28-162	
gamma-Chlordane	608.3	01/28/2025:201001CTC	BSRPD	ug/L		12.9%	≤40	
			Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	80.8%	45-140	
			BS	ug/L	0.5000	78.3%	45-140	
			BSD	ug/L	0.5000	84.9%	45-140	
Heptachlor	608.3	01/28/2025:201001CTC	BSRPD	ug/L		8.0%	≤35	
			Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	92.3%	34-140	
			BS	ug/L	0.5000	84.4%	34-140	
			BSD	ug/L	0.5000	96.8%	34-140	
Heptachlor Epoxide	608.3	01/28/2025:201001CTC	BSRPD	ug/L		13.6%	≤43	
			Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	85.5%	37-142	
			BS	ug/L	0.5000	84.4%	37-142	
			BSD	ug/L	0.5000	89.8%	37-142	
Lindane	608.3	01/28/2025:201001CTC	BSRPD	ug/L		6.2%	≤26	
			Blank	ug/L		ND	<0.04	
			LCS	ug/L	0.5000	97.6%	19-140	
			BS	ug/L	0.5000	89.8%	32-140	
			BSD	ug/L	0.5000	98.5%	32-140	
Methoxychlor	608.3	01/28/2025:201001CTC	BSRPD	ug/L		9.1%	≤39	
			Blank	ug/L		ND	<0.1	
			LCS	ug/L	0.5000	93.8%	23-142	
			BS	ug/L	0.5000	86.9%	51-126	
			BSD	ug/L	0.5000	105%	51-126	
p,p - DDD	608.3	01/28/2025:201001CTC	BSRPD	ug/L		18.2%	≤40	
			Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	80.0%	31-141	
			BS	ug/L	0.5000	76.7%	32-130	
			BSD	ug/L	0.5000	85.0%	32-130	
p,p - DDE	608.3	01/28/2025:201001CTC	BSRPD	ug/L		10.3%	≤39	
			Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	96.1%	30-145	
			BS	ug/L	0.5000	94.6%	13-133	
			BSD	ug/L	0.5000	100%	13-133	
p,p - DDT	608.3	01/28/2025:201001CTC	BSRPD	ug/L		5.7%	≤35	
			Blank	ug/L		ND	<0.05	
			LCS	ug/L	0.5000	92.7%	25-160	
			BS	ug/L	0.5000	86.5%	6-146	
			BSD	ug/L	0.5000	108%	6-146	
			BSRPD	ug/L		22.2%	≤42	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Tetrachloro-m-xylene	608.3	01/28/2025:201001CTC	Blank	ug/L	0.5000	70.7%	5-124	410
			LCS	ug/L	0.5000	80.7%	5-124	
			LCS	ug/L	0.5000	68.8%	5-124	
			BS	ug/L	0.5000	77.3%	26-141	
			BSD	ug/L	0.5000	79.2%	26-141	
			BSRPD	ug/L		2.4%	≤1	
Toxaphene	608.3	01/28/2025:201001CTC	Blank	ug/L		ND	<0.5	
PCB 1016	8082A	01/28/2025:201002CTC	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	102%	22-128	
			BS	ug/L	2.500	73.0%	18-135	
			BSD	ug/L	2.500	95.2%	18-135	
			BSRPD	ug/L		26.4%	≤28	
PCB 1221	8082A	01/28/2025:201002CTC	Blank	ug/L		ND	<0.5	436
			BS	ug/L	0.000	0.0%	50-150	
			BSD	ug/L	0.000	0.0%	50-150	
			BSRPD	ug/L		0.0%	≤50.0	
PCB 1232	8082A	01/28/2025:201002CTC	Blank	ug/L		ND	<0.5	436
			BS	ug/L	0.000	0.0%	50-150	
			BSD	ug/L	0.000	0.0%	50-150	
			BSRPD	ug/L		0.0%	≤50.0	
PCB 1242	8082A	01/28/2025:201002CTC	Blank	ug/L		ND	<0.5	436
			BS	ug/L	0.000	0.0%	23-135	
			BSD	ug/L	0.000	0.0%	23-135	
			BSRPD	ug/L		0.0%	≤47.9	
PCB 1248	8082A	01/28/2025:201002CTC	Blank	ug/L		ND	<0.5	436
			BS	ug/L	0.000	0.0%	50-150	
			BSD	ug/L	0.000	0.0%	50-150	
			BSRPD	ug/L		0.0%	≤50.0	
PCB 1254	8082A	01/28/2025:201002CTC	Blank	ug/L		ND	<0.5	436
			BS	ug/L	0.000	0.0%	50-150	
			BSD	ug/L	0.000	0.0%	50-150	
			BSRPD	ug/L		0.0%	≤41.7	
PCB 1260	8082A	01/28/2025:201002CTC	Blank	ug/L		ND	<0.5	
			LCS	ug/L	2.500	105%	15-141	
			BS	ug/L	2.500	94.8%	20-144	
			BSD	ug/L	2.500	109%	20-144	
			BSRPD	ug/L		14.1%	≤28	
Tetrachloro-m-xylene	8082A	01/28/2025:201002CTC	Blank	ug/L	0.5000	70.7%	14-157	
			LCS	ug/L	0.5000	68.8%	14-157	
			BS	ug/L	0.5000	65.8%	14-157	
			BSD	ug/L	0.5000	72.5%	30.0	
			BSRPD	ug/L		9.7%	≤30.0	

Definition

- Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
- BS : Blank Spikes - A blank is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
- BSD : Blank Spike Duplicate of BS/BSD pair - A blank duplicate is spiked with a known amount of analyte. It is prepared to verify that the preparation process is not affecting analyte recovery.
- BSRPD : BS/BSD Relative Percent Difference (RPD) - The BS relative percent difference is an indication of precision for the preparation and analysis.
- LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

Explanation

- 410 : Relative Percent Difference (RPD) not within Maximum Allowable Value (MAV). Data was accepted based on the LCS or CCV recovery.
- 436 : Blank Spike (BS) not within Acceptance Range (AR). Data was accepted based on the LCS or CCV recovery.

Quality Control - Wet Chem

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem Phenols	420.1	02/09/2025:201420AMM (CC 2580334-002)	Blank	mg/L		ND	<0.1	
			LCS	mg/L	1.000	99.1%	85-105	
			MS	mg/L	1.000	91.2%	60-105	
			MSD	mg/L	1.000	85.6%	60-105	
			MSRPD	mg/L		5.9%	≤19.1	
Cyanide, Total	4500CNCE	02/05/2025:201281AMM (VI 2540568-001)	Blank	mg/L		ND	<0.004	
			LCS	mg/L	0.1000	96.0%	90-110	
			LCS	mg/L	0.4000	95.1%	90-110	
			MS	mg/L	0.05000	111%	99-137	
			MSD	mg/L	0.05000	105%	99-137	
Sulfide, Total	4500S D	01/29/2025:201059CTL (SP 2501197-001)	MSRPD	mg/L		5.4%	≤36	
			LCS	mg/L	0.6667	99.6%	75-125	
			Dup	mg/L		10.2%	20	

Definition

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.

Dup : Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.

LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.

				6286:01/06/2025				TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information											
Client: Chiquita Canyon Landfill Address: Chiquita Canyon, LLC 29201 Henry Mayo Dr. Castaic, CA 91384 Phone: (425)414-2903 Fax: Contact Person: Matt Breuer Project Name: Chiquita Landfill - Appx II 2 Purchase Order Number: Quote Number: SP 20241121-05				Method of Sampling: Composite(C) Grab(G) Type of Sample **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL) Sub Organic-EPA 8270 - Appendix II ***Report only the compounds on the 40CFR258 Appx II list*** ***Requires MDL Reporting**** 1000ml(AGT) Sub Organic-EPA 8260 - Appendix II ***Report only the compounds on the 40CFR258 Appx II list*** ***Requires MDL Reporting**** 40ml(GVT)-HCl Sub Organic-EPA 8081 ***Requires MDL Reporting**** 1000ml(AGT) Sub Organic-EPA 8082 ***Requires MDL Reporting**** 1000ml(AGT) Sub Organic-EPA 8141 ***Requires MDL Reporting**** 1000ml(AGT) Sub Organic-EPA 8151 ***Requires MDL Reporting**** 1000ml(AGT) Subcontract-Dioxin, 2,3,7,8 - TCDD by EPA 8290 ***Requires MDL Reporting**** 1000ml(AGT) Metals, Total-Sb,As,Ba,Be,Cd,Cr,Co,Cu,Pb,Hg,Ni,Se,Ag,Tl,Sn,V,Zn 250ml(P)-HNO3				Sampler(s) BLANCA HOFFMEIER Isaac Hoffmeier Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____ Lab Number: SP 2501198 2-28560											
Samp Num	Location Description	Date Sampled	Time Sampled																
1	South Basin - Western Inlet	1/26/25	9:30					G	STM					2	4	1	1	1	1
2	South Basin - Eastern Inlet	1/26/25	3:30	G	STM					2	4	1	1	1	1	2	1		
Remarks: Multiple Chains				Relinquished Date: Time: BLANCA Hoffmeier 1/27/25 9:45am				Relinquished Date: Time:				Relinquished Date: Time:							
				Received By: Date: Time: mc 1/27/25 9:45				Received By: Date: Time:				Received By: Date: Time:							

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Env Fax: (805) 525-4172 / Aq Fax: (805) 392-2063

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**2500 Stagecoach Road
Stockton, CA 95215
Phone: (209) 942-0182
Fax: (209) 942-0423**

Office & Laboratory

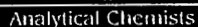
563 E. Lindo
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San Luis Obispo, CA 93401
Phone: (805) 783-2940
Fax: (805) 783-2912

Office & Laboratory

**9411 W. Goshen Avenue
Visalia, CA 93291
Phone: (559) 734-9473
Fax: (559) 734-8435**



CHAIN OF CUSTODY
www.fglinc.com

Laboratory Copy (1 of 2)

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Fax: (559) 734-8435

Subcontract to Babcock Laboratories, Inc.

CHAIN OF CUSTODY AND ANALYSES REQUEST FORM

Page 1 of 1

Chain of Custody Information				Sample Information				Test Description(s)													
Lab Number: Client: Fruit Growers Laboratory Address: 853 Corporation St. Santa Paula, CA 93060-3005 Phone: Fax: Contact: Project: SP 2501198 Purchase Order:				Method of Sampling: Composite (C) Grab(G)	Type of Sample	Potable(P) Non-Potable(NP) Ag Waiver (AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Sub Organic-EPA 8270 - Appendix II	***Report only the compounds on the 40CFR258 Appx II list***	***Requires MDL Reporting*** 1000ml(AGT)	Sub Organic-EPA 8151	***Requires MDL Reporting*** 1000ml(AGT)								
Sampler(s): Blanca H/Isaac H Compositor Setup Date: Time:																					
Samp Num	Location Description	Date Sampled	Time Sampled																		
1	South Basin - Western Inlet	01/26/2025	09:30	G	STM					2	1										
2	South Basin - Eastern Inlet	01/26/2025	15:30	G	STM					2	1										
Remarks Sample 1: MDL Reporting Sample 2: MDL Reporting				Relinquished		Date		Time		Relinquished		Date		Time		Relinquished		Date		Time	
				Received By:		Date		Time		Received By:		Date		Time		Received By:		Date		Time	

Subcontract to Zalco Laboratories, Inc.

CHAIN OF CUSTODY AND ANALYSES REQUEST FORM

Page 1 of 1

Chain of Custody Information				Sample Information				Test Description(s)																						
Lab Number: Client: Fruit Growers Laboratory Address: 853 Corporation St. Santa Paula, CA 93060-3005 Phone: Fax: Contact: Project: SP 2501198 Purchase Order: Sampler(s): Blanca H/Isaac H Compositor Setup Date: Time:				Method of Sampling: Composite (C) Grab(G)	Type of Sample	Potable(P) Non-Potable(NP) Ag Waiver (AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Sub Organic-EPA 8260 - Appendix II	***Report only the compounds on the 40CFR258 Appx II list***	***Requires MDL Reporting*** 40ml(GVT)- HCl																			
Samp Num:	Location Description	Date Sampled	Time Sampled																											
1	South Basin - Western Inlet	01/26/2025	09:30	G	STM						4																			
2	South Basin - Eastern Inlet	01/26/2025	15:30	G	STM						4																			
Remarks Sample 1: MDL Reporting Sample 2: MDL Reporting				Relinquished		Date		Time		Relinquished		Date		Time		Relinquished		Date		Time										
				Received By:		Date		Time		Received By:		Date		Time		Received By:		Date		Time										



**Subcontract to
Eurofins Calscience, Inc**

CHAIN OF CUSTODY

AND ANALYSES REQUEST FORM

Page 1 of 1

Chain of Custody Information				Sample Information					Test Description(s)										
Lab Number:				Method of Sampling: Composite (C) Grab(G)	Type of Sample	Potable(P) Non-Potable(NP) Ag Waiver (AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Sub Organic-EPA 8141	***Requires MDL Reporting**** 1000ml(ACT)									
Client: Fruit Growers Laboratory																			
Address: 853 Corporation St. Santa Paula, CA 93060-3005																			
Phone: Fax:																			
Contact:																			
Project: SP 2501198																			
Purchase Order:																			
Sampler(s): Blanca H/Isaac H																			
Compositor Setup Date: Time:																			
Samp Num	Location Description	Date Sampled	Time Sampled																
1	South Basin - Western Inlet	01/26/2025	09:30	G	STM					1									
2	South Basin - Eastern Inlet	01/26/2025	15:30	G	STM					1									
Remarks				Relinquished Date Time					Relinquished Date Time					Relinquished Date Time					
Sample 1: MDL Reporting																			
Sample 2: MDL Reporting				Received By: Date Time					Received By: Date Time					Received By: Date Time					

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CA ELAP Certification No. 2810

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9411 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
CA ELAP Certification No. 2810

Subject: Re: VOA Headspace for 2501198 & 2501197
From: Matt Breuer <Matt.Breuer@WasteConnections.com>
Date: 1/28/2025, 7:34 AM
To: Matthew Casas <matthewc@fglinc.com>
CC: Login Santa Paula <loginsp@fglinc.com>

Thank you again for the notice. Please proceed with analysis.

Matt Breuer, PE | Western Region Environmental Manager | Waste Connections
(m) 425-414-2903

From: Matthew Casas <matthewc@fglinc.com>
Sent: Monday, January 27, 2025 12:37 PM
To: Matt Breuer <Matt.Breuer@WasteConnections.com>
Cc: Login Santa Paula <loginsp@fglinc.com>
Subject: VOA Headspace for 2501198 & 2501197

Hello Matt,

Attached are the COCs for the affected projects.

2501197 Chiquita Cyn Landfill-MPars 2: 624.1 40ml VOAs had too much headspace. The chemist can proceed with this but the results will be biased low.

2501198 Chiquita Landfill - App II 2: 8260 40ml VOAs had too much headspace. The sub-lab will make the determination of how biased these results will be due to the headspace.

Please let me know how you would like to proceed with these.

Also, Blanca had mentioned that she thought some sample containers were missing but all containers and labels are accounted for.

--

Regards,
Matthew Casas
Sample Receiving
Fruit Growers Laboratory
805-392-2017

Condition Upon Receipt (Attach to COC) SP 2501198

Sample Receipt at SP:

1. Number of ice chests/packages received: OTC
2. Shipper tracking number(s) _____
3. Temp IR Gun ID#: TH268
4. Were samples received on Ice? **Yes** **No** Temps: ROI / 14C / _____ / _____ / _____ / _____
5. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
6. Do the number of bottles received agree with the COC? **Yes** **No** **N/A**
7. Verify sample date, time, sampler **Yes** **No**
8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) **Yes** **No**

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? **Yes** **No**
2. Did bottle labels correspond with the client's ID's? **Yes** **No**
3. Were all bottles requiring sample preservation properly preserved? **Yes** **No** **N/A** **FGL**
[Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** **No** **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** **No**
6. Have rush or project due dates been checked and accepted? **Yes** **No** **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Matthew Casas



Digitally signed by Matthew Casas
Title: Sample Receiving
Date: 01/28/2025-09:41:34

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: Matt Breuer Phone Number: _____
Initiated By: MDC Date: _____
Problem: **Spare Dioxin containers not received. Significant headspace in 8260 VOAs.**

Resolution: **Enough volume to proceed with Dioxin. Matt approved proceeding with 8260.**

2. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____

Resolution: _____

(2028560)
Chiquita Canyon Landfill
SP 2501198
MDC-01/28/2025-09:41:34

February 3, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Subject: Subcontract Analysis for FGL Lab No. SP 2501197

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-1,4, Dioxane by 8270

Please note that this analysis was performed by Eurofins Calscience, Inc

Thank you for using FGL Environmental.

Sincerely,

Cindy Aguirre  Digitally signed by Cindy Aguirre
Title: Customer Service Rep
Date: 2025-02-03

Enclosure



ANALYTICAL REPORT

PREPARED FOR

Attn: Cindy Aguirre
FGL Environmental
853 Corporation Street
Santa Paula, California 93060-3005

Generated 1/31/2025 9:44:07 PM

JOB DESCRIPTION

SP 2501197

JOB NUMBER

570-215849-1

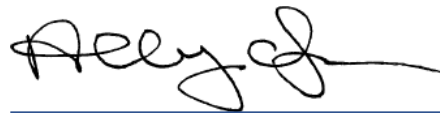
Eurofins Calscience

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Calscience Project Manager.

Authorization



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Authorized for release by
Allyson Chapman, Project Manager I
Allyson.Chapman@et.eurofinsus.com
(714)895-5494

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Definitions/Glossary

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: FGL Environmental
Project: SP 2501197

Job ID: 570-215849-1

Job ID: 570-215849-1

Eurofins Calscience

Job Narrative 570-215849-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 1/29/2025 1:13 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

GC/MS Semi VOA

Method 8270C_SIM_ID_LL: A portion of the following samples were used for analysis, rather than testing the entire sample amount in the original container, due to the sample container was not the appropriate size: South Basin-Western Inlet (570-215849-1), South Basin-Eastern Inlet (570-215849-2), (570-215849-A-2 MS) and (570-215849-A-2 MSD). As such, the required solvent rinse of the original container could not be performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Calscience

Detection Summary

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Client Sample ID: South Basin-Western Inlet

Lab Sample ID: 570-215849-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	3.0		0.10	0.087	ug/L	1		8270C SIM ID	Total/NA

Client Sample ID: South Basin-Eastern Inlet

Lab Sample ID: 570-215849-2

No Detections.

Client Sample Results

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Method: SW846 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Client Sample ID: South Basin-Western Inlet

Date Collected: 01/26/25 09:30

Date Received: 01/29/25 13:13

Lab Sample ID: 570-215849-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.0		0.10	0.087	ug/L		01/30/25 13:55	01/30/25 19:49	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	39		21 - 120				01/30/25 13:55	01/30/25 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	116		41 - 167				01/30/25 13:55	01/30/25 19:49	1

Client Sample ID: South Basin-Eastern Inlet

Date Collected: 01/26/25 15:30

Date Received: 01/29/25 13:13

Lab Sample ID: 570-215849-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.10	0.087	ug/L		01/30/25 13:55	01/30/25 20:03	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	30		21 - 120				01/30/25 13:55	01/30/25 20:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	110		41 - 167				01/30/25 13:55	01/30/25 20:03	1

Surrogate Summary

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	NBZ (41-167)
570-215849-1	South Basin-Western Inlet	116
570-215849-2	South Basin-Eastern Inlet	110
570-215849-2 MS	South Basin-Eastern Inlet	119
570-215849-2 MSD	South Basin-Eastern Inlet	112
LCS 570-528213/2-A	Lab Control Sample	126
LCSD 570-528213/3-A	Lab Control Sample Dup	126
MB 570-528213/1-A	Method Blank	140
Surrogate Legend		
NBZ = Nitrobenzene-d5 (Surr)		

Isotope Dilution Summary

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DXE (21-120)
570-215849-1	South Basin-Western Inlet	39
570-215849-2	South Basin-Eastern Inlet	30
570-215849-2 MS	South Basin-Eastern Inlet	35
570-215849-2 MSD	South Basin-Eastern Inlet	27
LCS 570-528213/2-A	Lab Control Sample	34
LCSD 570-528213/3-A	Lab Control Sample Dup	32
MB 570-528213/1-A	Method Blank	32
Surrogate Legend		
DXE = 1,4-Dioxane-d8		

QC Sample Results

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 570-528213/1-A

Matrix: Water

Analysis Batch: 528178

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 528213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	ND		0.10	0.087	ug/L		01/30/25 13:54	01/30/25 16:46	1
Isotope Dilution	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	32		21 - 120				01/30/25 13:54	01/30/25 16:46	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Nitrobenzene-d5 (Surr)	140		41 - 167				01/30/25 13:54	01/30/25 16:46	1

Lab Sample ID: LCS 570-528213/2-A

Matrix: Water

Analysis Batch: 528178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 528213

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
1,4-Dioxane		20.0	23.64		ug/L		118	51 - 140	
Isotope Dilution	%Recovery	LCS Qualifier	Limits						
1,4-Dioxane-d8	34		21 - 120						
Surrogate	%Recovery	LCS Qualifier	Limits						
Nitrobenzene-d5 (Surr)	126		41 - 167						

Lab Sample ID: LCSD 570-528213/3-A

Matrix: Water

Analysis Batch: 528178

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 528213

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane		20.0	23.52		ug/L		118	51 - 140	1	20
Isotope Dilution	%Recovery	LCSD Qualifier	Limits							
1,4-Dioxane-d8	32		21 - 120							
Surrogate	%Recovery	LCSD Qualifier	Limits							
Nitrobenzene-d5 (Surr)	126		41 - 167							

Lab Sample ID: 570-215849-2 MS

Matrix: Water

Analysis Batch: 528178

Client Sample ID: South Basin-Eastern Inlet

Prep Type: Total/NA

Prep Batch: 528213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
1,4-Dioxane	ND		20.0	24.40		ug/L		122	51 - 139	
Isotope Dilution	%Recovery	MS Qualifier	Limits							
1,4-Dioxane-d8	35		21 - 120							
Surrogate	%Recovery	MS Qualifier	Limits							
Nitrobenzene-d5 (Surr)	119		41 - 167							

Eurofins Calscience

QC Sample Results

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Method: 8270C SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

(Continued)

Lab Sample ID: 570-215849-2 MSD

Matrix: Water

Analysis Batch: 528178

Client Sample ID: South Basin-Eastern Inlet

Prep Type: Total/NA

Prep Batch: 528213

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	ND		20.0	24.86		ug/L		124	51 - 139	2	20
	<i>MSD</i>	<i>MSD</i>									
<i>Isotope Dilution</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>								
1,4-Dioxane-d8	27		21 - 120								
	<i>MSD</i>	<i>MSD</i>									
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>								
Nitrobenzene-d5 (Surr)	112		41 - 167								

QC Association Summary

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

GC/MS Semi VOA

Analysis Batch: 528178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-215849-1	South Basin-Western Inlet	Total/NA	Water	8270C SIM ID	528213
570-215849-2	South Basin-Eastern Inlet	Total/NA	Water	8270C SIM ID	528213
MB 570-528213/1-A	Method Blank	Total/NA	Water	8270C SIM ID	528213
LCS 570-528213/2-A	Lab Control Sample	Total/NA	Water	8270C SIM ID	528213
LCSD 570-528213/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM ID	528213
570-215849-2 MS	South Basin-Eastern Inlet	Total/NA	Water	8270C SIM ID	528213
570-215849-2 MSD	South Basin-Eastern Inlet	Total/NA	Water	8270C SIM ID	528213

Prep Batch: 528213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-215849-1	South Basin-Western Inlet	Total/NA	Water	3510C	
570-215849-2	South Basin-Eastern Inlet	Total/NA	Water	3510C	
MB 570-528213/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-528213/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-528213/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
570-215849-2 MS	South Basin-Eastern Inlet	Total/NA	Water	3510C	
570-215849-2 MSD	South Basin-Eastern Inlet	Total/NA	Water	3510C	

Lab Chronicle

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Client Sample ID: South Basin-Western Inlet
Date Collected: 01/26/25 09:30
Date Received: 01/29/25 13:13

Lab Sample ID: 570-215849-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			100 mL	10 mL	528213	01/30/25 13:55	TR8L	EET CAL 4
Total/NA	Analysis	8270C SIM ID		1	1 mL	1 mL	528178	01/30/25 19:49	PQS1	EET CAL 4
Instrument ID: GCMS99										

Client Sample ID: South Basin-Eastern Inlet
Date Collected: 01/26/25 15:30
Date Received: 01/29/25 13:13

Lab Sample ID: 570-215849-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			100 mL	10 mL	528213	01/30/25 13:55	TR8L	EET CAL 4
Total/NA	Analysis	8270C SIM ID		1	1 mL	1 mL	528178	01/30/25 20:03	PQS1	EET CAL 4
Instrument ID: GCMS99										

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8270C SIM ID	3510C	Water	1,4-Dioxane
Oregon	NELAP	4175	02-02-25

Method Summary

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Method	Method Description	Protocol	Laboratory
8270C SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: FGL Environmental
Project/Site: SP 2501197

Job ID: 570-215849-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-215849-1	South Basin-Western Inlet	Water	01/26/25 09:30	01/29/25 13:13
570-215849-2	South Basin-Eastern Inlet	Water	01/26/25 15:30	01/29/25 13:13

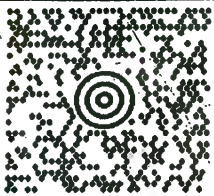
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

BRANDON QUELL
(805) 392-2000
FRUIT GROWERS LAB
853 CORPORATION ST.
SANTA PAULA CA 93060

36 LBS.

SHIP TO:

ATTN: SAMPLE RECEIVING
EUROFINS CAL SCIENCE
2841 DOW AVENUE, #100
TUSTIN CA 92780



CA 927 9-08



UPS GROUND

TRACKING #: 1Z 992 031 03 6083 6077



BILLING: P/P



Login Sample Receipt Checklist

Client: FGL Environmental

Job Number: 570-215849-1

Login Number: 215849

List Source: Eurofins Calscience

List Number: 1

Creator: Patel, Jayesh

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

February 18, 2025

Lab No. : SP 2501197

Customer No. : 2028560

Chiquita Canyon, LLC
 Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Laboratory Report

Introduction: This report package contains a total of 26 pages divided into 3 sections:

Case Narrative	(2 pages)	: An overview of the work performed at FGL.
Sample Results	(8 pages)	: Results for each sample submitted.
Quality Control	(16 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab No.	Matrix
South Basin - Western Inlet	01/26/2025	01/27/2025	SP 2501197-001	STM
South Basin - Eastern Inlet	01/26/2025	01/27/2025	SP 2501197-002	STM

Sampling and Receipt Information:

All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples were received, prepared and analyzed within the method specified holding times except those as listed in the table below. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the associated Chain of Custody and Condition Upon Receipt Form.

Samples Over Hold Time

Lab No	Analyte Method	Maximum Hold Time	Actual Hold Time
SP 2501197-001	Carbon Dioxide	24 hours	533.8 hours
SP 2501197-001	pH	15 minutes	11,838.0 minutes
SP 2501197-002	Carbon Dioxide	24 hours	527.8 hours

Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary

4500COC	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 200.7	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 300.0	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
EPA 624.1	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 2540 C	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 4500-H+B	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 4500-NO3 F	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 4500-S D	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 5220 D	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
SM 5310 C	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)

Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature. This report shall not be reproduced except in full, without the written approval of the laboratory.

KD: MEP

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2025-02-18

February 18, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Western Inlet
Project : Chiquita Canyon Landfill-MPars

Lab No. : SP 2501197-001
Customer No. : 2028560

Sampled On : January 26, 2025 at 09:30
Sampled By : Blanca H/Isaac H
Received On : January 27, 2025 at 09:45
Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
Metals, Total							Date	Time	Who	Method	Date	Time	Who
Boron	0.162	0.05	0.0094	mg/L	1		01/31/2025	07:00	ejc	EPA 200.7	02/03/2025	15:30	ac
Calcium	83.3	1	0.076	mg/L	1		01/31/2025	07:00	ejc	EPA 200.7	02/03/2025	15:30	ac
Magnesium	11.4	1	0.037	mg/L	1		01/31/2025	07:00	ejc	EPA 200.7	02/03/2025	15:30	ac
Manganese	0.443	0.01	0.00064	mg/L	1		01/31/2025	07:00	ejc	EPA 200.7	02/03/2025	15:30	ac
Potassium	8.11	1	0.087	mg/L	1		01/31/2025	07:00	ejc	EPA 200.7	02/03/2025	15:30	ac
Sodium	60.2	1	0.17	mg/L	1		01/31/2025	07:00	ejc	EPA 200.7	02/03/2025	15:30	ac
Wet Chemistry													
Alkalinity (as CaCO3)	93.1	10	1.1	mg/L	1		02/03/2025	14:48	amm	SM 2320 B	02/04/2025	05:35	amm
Bicarbonate	114	10	1.1	mg/L	1		02/03/2025	14:48	amm	SM 4500-H+B	02/04/2025	05:35	amm
Carbonate	ND	10	1.1	mg/L	1	U	02/03/2025	14:48	amm	SM 4500-H+B	02/04/2025	05:35	amm
Hydroxide	ND	10	1.1	mg/L	1	U	02/03/2025	14:48	amm	SM 4500-H+B	02/04/2025	05:35	amm
Bromide	0.269	0.03	0.0040	mg/L	1		01/31/2025	09:48	ldm	EPA 300.0	02/01/2025	05:12	ldm
Carbon Dioxide	11	1		mg/L	1	T	02/17/2025	15:18	amm	4500COC	02/17/2025	15:41	amm
COD	185	20	18	mg/L	1		02/03/2025	11:11	jcg	SM 5220 D	02/03/2025	13:45	jcg
Specific Conductance	602	1	0.56	umhos/cm	1		02/03/2025	14:48	amm	SM 2510 B	02/04/2025	05:35	amm
Fluoride	0.465	0.1	0.0010	mg/L	1		01/31/2025	09:48	ldm	EPA 300.0	02/01/2025	05:12	ldm
Nitrate Nitrogen	1.03	0.4	0.034	mg/L	1		02/07/2025	10:30	mm1	SM 4500-NO3 F	02/07/2025	11:43	mm1
pH	7.2	---		units	1	T	02/03/2025	14:48	amm	SM 4500-H+B	02/04/2025	05:35	amm
Total Dissolved Solids (TFR)	385	20	19	mg/L	1		01/28/2025	12:30	ctl	SM 2540 C	01/29/2025	12:10	ctl
Sulfate	137	0.5	0.28	mg/L	1		01/31/2025	09:48	ldm	EPA 300.0	02/01/2025	05:12	ldm
Sulfide, Total	0.0317	0.1	0.024	mg/L	1	J	01/29/2025	15:30	ctl	SM 4500-S D	01/29/2025	17:00	ctl

DQF Flags Definition:

- U Constituent results were non-detect.
- T Exceeded method/regulatory-specific holding time.
- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.

ND=Non-Detected, RL=Reporting Level.

February 18, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Western Inlet
Project : Chiquita Canyon Landfill-MPars

Lab No. : SP 2501197-001

Customer No. : 2028560

Sampled On : January 26, 2025 at 09:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Organic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
EPA 624.1													
4-Bromofluorobenzene ‡	104	64-135		%	1		01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Fluorobenzene ‡	96.0	56-154		%	1		01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Pentafluorobenzene ‡	105	54-168		%	1		01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Acetone	24.7	25	3.6	ug/L	1	J	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Acrolein	ND	5	2.5	ug/L	1	UL	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:31	sbl
Acrylonitrile	ND	2	0.70	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:31	sbl
Benzene	ND	0.5	0.30	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Bromodichloromethane	ND	0.5	0.28	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Bromoform	ND	0.5	0.35	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Bromomethane	ND	0.5	0.43	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Chloromethane	ND	0.5	0.26	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Halomethanes, sum	ND	0.5		ug/L			01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
2-Butanone (MEK)	10.3	40	2.4	ug/L	1	J	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Carbon Disulfide	ND	10	1.1	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Carbon Tetrachloride	ND	0.5	0.24	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Chlorobenzene	ND	0.5	0.14	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Chloroethane	ND	0.5	0.20	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
2-Chloroethylvinyl ether	ND	1	0.29	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:31	sbl
Chloroform	ND	0.5	0.19	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Dibromochloromethane	ND	0.5	0.43	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,2-Dichlorobenzene	ND	0.5	0.10	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,3-Dichlorobenzene	ND	0.5	0.10	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Dichlorobenzenes, sum	ND	0.5		ug/L			01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,4-Dichlorobenzene	ND	0.5	0.12	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,1-Dichloroethane	ND	0.5	0.20	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,2-Dichloroethane	ND	0.5	0.16	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,1-Dichloroethylene	ND	0.5	0.40	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
trans-1,2-Dichloroethylene	ND	0.5	0.20	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,2-Dichloropropane	ND	0.5	0.40	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
cis-1,3-Dichloropropene	ND	0.5	0.17	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
trans-1,3-Dichloropropene	ND	0.5	0.43	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,3-Dichloropropene (Total)	ND	0.5		ug/L			01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Ethyl Benzene	ND	0.5	0.17	ug/L	1	UH	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
2-Hexanone	ND	30	4.9	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl

4-Methyl-2-pentanone (MIBK)	ND	30	1.3	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Methylene Chloride	ND	0.5	0.16	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Methyl tert-Butyl Ether (MTBE)	ND	5	0.32	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Styrene	ND	0.5	0.18	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,1,2,2-Tetrachloroethane	ND	0.5	0.25	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Tetrachloroethylene	ND	0.5	0.45	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Toluene	ND	0.5	0.41	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,1,1-Trichloroethane	ND	0.5	0.19	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
1,1,2-Trichloroethane	ND	0.5	0.26	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Trichloroethylene	ND	0.5	0.15	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Trichlorofluoromethane	ND	1	0.26	ug/L	1	Uh	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Vinyl Acetate	ND	10	5.9	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Vinyl Chloride	ND	0.5	0.13	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Xylenes m,p	ND	1	0.41	ug/L	1	UH	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Xylenes o	ND	0.5	0.12	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
Xylenes	ND	1		ug/L			01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	22:03	sbl
TOC													
TOC	57.1	30	17	mg/L	100		01/29/2025	15:52	amm	SM 5310 C	01/30/2025	07:47	amm

DQF Flags Definition:

- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.
- U Constituent results were non-detect.
- l The MS/MSD did not meet QC criteria.
- H The preparation QC spike and/or CCV recoveries did not meet QC acceptance criteria.
- h The MS/MSD did not meet QC criteria.

February 18, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Western Inlet
Project : Chiquita Canyon Landfill-MPars

Lab No. : SP 2501197-001
Customer No. : 2028560

Sampled On : January 26, 2025 at 09:30
Sampled By : Blanca H/Isaac H
Received On : January 27, 2025 at 09:45
Matrix : Stormwater

Sample Results - Field Test

Constituent	Result	RL	Units	Note	Sample Preparation		Sample Analysis	
Field Test					Method	Date Time	Method	Date Time
Turbidity	3063		NTU			01/26/2025 09:30	2130B	01/26/2025 09:30

ND=Non-Detected, RL=Reporting Level ‡ Surrogate.

February 18, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Eastern Inlet
Project : Chiquita Canyon Landfill-MPars

Lab No. : SP 2501197-002

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Inorganic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
Metals, Total							Date	Time	Who	Method	Date	Time	Who
Boron	0.701	0.25	0.047	mg/L	5		02/04/2025	09:00	ejc	EPA 200.7	02/05/2025	19:42	ac
Calcium	1740	5	0.38	mg/L	5	1	02/04/2025	09:00	ejc	EPA 200.7	02/05/2025	19:42	ac
Magnesium	269	5	0.19	mg/L	5		02/04/2025	09:00	ejc	EPA 200.7	02/05/2025	19:42	ac
Manganese	15.3	0.05	0.0032	mg/L	5		02/04/2025	09:00	ejc	EPA 200.7	02/05/2025	19:42	ac
Potassium	112	5	0.44	mg/L	5		02/04/2025	09:00	ejc	EPA 200.7	02/05/2025	19:42	ac
Sodium	168	5	0.85	mg/L	5		02/04/2025	09:00	ejc	EPA 200.7	02/05/2025	19:42	ac
Wet Chemistry													
Alkalinity (as CaCO ₃)	94.1	10	1.1	mg/L	1		02/03/2025	14:48	amm	SM 2320 B	02/04/2025	05:45	amm
Bicarbonate	115	10	1.1	mg/L	1		02/03/2025	14:48	amm	SM 4500-H+B	02/04/2025	05:45	amm
Carbonate	ND	10	1.1	mg/L	1	U	02/03/2025	14:48	amm	SM 4500-H+B	02/04/2025	05:45	amm
Hydroxide	ND	10	1.1	mg/L	1	U	02/03/2025	14:48	amm	SM 4500-H+B	02/04/2025	05:45	amm
Bromide	0.269	0.03	0.0040	mg/L	1		01/31/2025	11:42	ldm	EPA 300.0	02/01/2025	07:23	ldm
Carbon Dioxide	17	1		mg/L	1	T	02/17/2025	15:18	amm	4500COC	02/17/2025	15:41	amm
COD	2450	100	90	mg/L	5		02/03/2025	11:11	jcg	SM 5220 D	02/03/2025	13:45	jcg
Specific Conductance	1260	1	0.56	umhos/cm	1		02/03/2025	14:48	amm	SM 2510 B	02/04/2025	05:45	amm
Fluoride	0.312	0.1	0.0010	mg/L	1		01/31/2025	11:42	ldm	EPA 300.0	02/01/2025	07:23	ldm
Nitrate Nitrogen	1.27	0.4	0.034	mg/L	1		02/11/2025	11:50	mm1	SM 4500-NO ₃ F	02/11/2025	13:39	mm1
Total Dissolved Solids (TFR)	901	20	19	mg/L	1		01/28/2025	12:30	ctl	SM 2540 C	01/29/2025	12:10	ctl
Sulfate	445	2	1.1	mg/L	4		01/31/2025	11:42	ldm	EPA 300.0	02/01/2025	22:17	ldm
Sulfide, Total	0.0271	0.1	0.024	mg/L	1	J	01/29/2025	15:30	ctl	SM 4500-S D	01/29/2025	17:00	ctl

DQF Flags Definition:

- 1 The MS/MSD did not meet QC criteria.
- U Constituent results were non-detect.
- T Exceeded method/regulatory-specific holding time.
- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.
- h The MS/MSD did not meet QC criteria.

ND=Non-Detected, RL=Reporting Level. ‡ Surrogate.

February 18, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill

29201 Henry Mayo Dr.

Castaic, CA 91384

Description : South Basin - Eastern Inlet

Project : Chiquita Canyon Landfill-MPars

Lab No. : SP 2501197-002

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Organic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
EPA 624.1													
4-Bromofluorobenzene ‡	93.8	64-135		%	1	hl	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Fluorobenzene ‡	99.0	56-154		%	1		02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Pentafluorobenzene ‡	101	54-168		%	1		02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Acetone	16.6	25	3.6	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Acrolein	ND	5	2.5	ug/L	1	Ul	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	23:25	sbl
Acrylonitrile	ND	2	0.70	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	23:25	sbl
Benzene	ND	0.5	0.30	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Bromodichloromethane	ND	0.5	0.28	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Bromoform	ND	0.5	0.35	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Bromomethane	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Chloromethane	ND	0.5	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Halomethanes, sum	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
2-Butanone (MEK)	ND	40	2.4	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Carbon Disulfide	ND	10	1.1	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Carbon Tetrachloride	ND	0.5	0.24	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Chlorobenzene	ND	0.5	0.14	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Chloroethane	ND	0.5	0.20	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
2-Chloroethylvinyl ether	ND	1	0.29	ug/L	1	U	01/30/2025	15:00	sbl	EPA 624.1	01/30/2025	23:25	sbl
Chloroform	ND	0.5	0.19	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Dibromochloromethane	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,2-Dichlorobenzene	ND	0.5	0.10	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,3-Dichlorobenzene	ND	0.5	0.10	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Dichlorobenzenes, sum	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,4-Dichlorobenzene	0.187	0.5	0.12	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,1-Dichloroethane	ND	0.5	0.20	ug/L	1	Ul	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,2-Dichloroethane	ND	0.5	0.16	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,1-Dichloroethylene	ND	0.5	0.40	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
trans-1,2-Dichloroethylene	ND	0.5	0.20	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,2-Dichloropropane	ND	0.5	0.40	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
cis-1,3-Dichloropropene	ND	0.5	0.17	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
trans-1,3-Dichloropropene	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,3-Dichloropropene (Total)	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Ethyl Benzene	0.240	0.5	0.17	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
2-Hexanone	ND	30	4.9	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl

4-Methyl-2-pentanone (MIBK)	1.97	30	1.3	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Methylene Chloride	ND	0.5	0.16	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Methyl tert-Butyl Ether (MTBE)	ND	5	0.32	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Styrene	ND	0.5	0.18	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,1,2,2-Tetrachloroethane	ND	0.5	0.25	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Tetrachloroethylene	ND	0.5	0.45	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Toluene	ND	0.5	0.41	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,1,1-Trichloroethane	ND	0.5	0.19	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
1,1,2-Trichloroethane	ND	0.5	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Trichloroethylene	ND	0.5	0.15	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Trichlorofluoromethane	ND	1	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Vinyl Acetate	ND	10	5.9	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Vinyl Chloride	ND	0.5	0.13	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Xylenes m,p	0.738	1	0.41	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Xylenes o	0.561	0.5	0.12	ug/L	1		02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
Xylenes	1.30	1		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/04/2025	23:44	sbl
TOC													
TOC	50.9	30	17	mg/L	100		01/29/2025	15:52	amm	SM 5310 C	01/30/2025	08:48	amm

DQF Flags Definition:

- h The MS/MSD did not meet QC criteria.
- l The MS/MSD did not meet QC criteria.
- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.
- U Constituent results were non-detect.

February 18, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Basin - Eastern Inlet
Project : Chiquita Canyon Landfill-MPars

Lab No. : SP 2501197-002

Customer No. : 2028560

Sampled On : January 26, 2025 at 15:30

Sampled By : Blanca H/Isaac H

Received On : January 27, 2025 at 09:45

Matrix : Stormwater

Sample Results - Field Test

Constituent	Result	RL	Units	Note	Sample Preparation		Sample Analysis	
Field Test					Method	Date Time	Method	Date Time
pH (Field)	8.29		units			01/26/2025 15:30	4500HB	01/26/2025 15:30
Turbidity	Overrange		NTU			01/26/2025 15:30	2130B	01/26/2025 15:30
Temperature	11.3		°C			01/26/2025 15:30	2550B	01/26/2025 15:30

ND=Non-Detected, RL=Reporting Level ‡ Surrogate.

February 18, 2025
Chiquita Canyon Landfill

Lab No. : SP 2501197
 Customer No. : 2028560

Quality Control - Metals

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Metals Boron	200.7	01/31/2025:201154EJC	Blank	mg/L		ND	<0.05	
			LCS	mg/L	4.000	101%	85-115	
			MS	mg/L	4.000	105%	75-125	
		(VI 2540715-001)	MSD	mg/L	4.000	109%	75-125	
			MSRPD	mg/L		3.8%	≤20.0	
			MS	mg/L	4.000	104%	75-125	
	200.7	(VI 2540607-001)	MSD	mg/L	4.000	107%	75-125	
			MSRPD	mg/L		2.7%	≤20.0	
		02/04/2025:201252EJC	Blank	mg/L		ND	<0.05	
			LCS	mg/L	4.000	105%	85-115	
			MS	mg/L	4.000	113%	75-125	
		(VI 2540763-003)	MSD	mg/L	4.000	102%	75-125	
			MSRPD	mg/L		10.9%	≤20.0	
			MS	mg/L	4.000	113%	75-125	
	200.7	(VI 2540763-002)	MSD	mg/L	4.000	109%	75-125	
			MSRPD	mg/L		3.8%	≤20.0	
Calcium	200.7	01/31/2025:201154EJC	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	101%	85-115	
			MS	mg/L	12.00	147%	<¼	406
		(VI 2540715-001)	MSD	mg/L	12.00	135%	<1/4	
			MSRPD	mg/L		1.9%	≤20.0	
			MS	mg/L	12.00	102%	75-125	
	200.7	(VI 2540607-001)	MSD	mg/L	12.00	93.8%	75-125	
			MSRPD	mg/L		1.1%	≤20.0	
		02/04/2025:201252EJC	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	106%	85-115	
			MS	mg/L	12.00	121%	75-125	
		(VI 2540763-003)	MSD	mg/L	12.00	70.0%	75-125	435
			MSRPD	mg/L		11.8%	≤20.0	
			MS	mg/L	12.00	125%	75-125	
	200.7	(VI 2540763-002)	MSD	mg/L	12.00	106%	75-125	
			MSRPD	mg/L		7.5%	≤20.0	
Magnesium	200.7	01/31/2025:201154EJC	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	103%	85-115	
			MS	mg/L	12.00	124%	75-125	
		(VI 2540715-001)	MSD	mg/L	12.00	120%	75-125	
			MSRPD	mg/L		1.1%	≤20	
			MS	mg/L	12.00	104%	75-125	
	200.7	(VI 2540607-001)	MSD	mg/L	12.00	102%	75-125	
			MSRPD	mg/L		0.5%	≤20	
		02/04/2025:201252EJC	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	110%	85-115	
			MS	mg/L	12.00	118%	75-125	
		(VI 2540763-003)	MSD	mg/L	12.00	93.2%	75-125	
			MSRPD	mg/L		11.7%	≤20	
			MS	mg/L	12.00	119%	75-125	

February 18, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501197

Customer No. : 2028560

Quality Control - Metals

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Manganese	200.7	(VI 2540763-002)	MSD	mg/L	12.00	108%	75-125	
			MSRPD	mg/L		6.3%	≤20	
		01/31/2025:201154EJC	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	103%	85-115	
			MS	mg/L	0.8000	105%	75-125	
		(VI 2540715-001)	MSD	mg/L	0.8000	107%	75-125	
			MSRPD	mg/L		2.1%	≤20.0	
			MS	mg/L	0.8000	105%	75-125	
		(VI 2540607-001)	MSD	mg/L	0.8000	108%	75-125	
			MSRPD	mg/L		2.9%	≤20.0	
Potassium	200.7	02/04/2025:201252EJC	Blank	mg/L		ND	<0.01	
			LCS	mg/L	0.8000	109%	85-115	
			MS	mg/L	0.8000	114%	75-125	
		(VI 2540763-003)	MSD	mg/L	0.8000	101%	75-125	
			MSRPD	mg/L		11.4%	≤20.0	
			MS	mg/L	0.8000	113%	75-125	
		(VI 2540763-002)	MSD	mg/L	0.8000	107%	75-125	
			MSRPD	mg/L		5.1%	≤20.0	
		01/31/2025:201154EJC	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	101%	85-115	
Sodium	200.7		MS	mg/L	12.00	107%	75-125	
		(VI 2540715-001)	MSD	mg/L	12.00	109%	75-125	
			MSRPD	mg/L		1.4%	≤20.0	
			MS	mg/L	12.00	105%	75-125	
		(VI 2540607-001)	MSD	mg/L	12.00	108%	75-125	
			MSRPD	mg/L		2.2%	≤20.0	
		02/04/2025:201252EJC	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	108%	85-115	
			MS	mg/L	12.00	115%	75-125	
		(VI 2540763-003)	MSD	mg/L	12.00	100%	75-125	
Sodium	200.7		MSRPD	mg/L		11.3%	≤20.0	
			MS	mg/L	12.00	113%	75-125	
		(VI 2540763-002)	MSD	mg/L	12.00	107%	75-125	
			MSRPD	mg/L		4.9%	≤20.0	
		01/31/2025:201154EJC	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	101%	85-115	
			MS	mg/L	12.00	171%	<¼	406
		(VI 2540715-001)	MSD	mg/L	12.00	151%	<1/4	
			MSRPD	mg/L		2.1%	≤20.0	
			MS	mg/L	12.00	103%	75-125	
Sodium	200.7	(VI 2540607-001)	MSD	mg/L	12.00	94.5%	75-125	
			MSRPD	mg/L		1.3%	≤20.0	
		02/04/2025:201252EJC	Blank	mg/L		ND	<1	
			LCS	mg/L	12.00	108%	85-115	
			MS	mg/L	12.00	118%	75-125	
		(VI 2540763-003)	MSD	mg/L	12.00	83.1%	75-125	
			MSRPD	mg/L		11.3%	≤20.0	
			MS	mg/L	12.00	159%	<¼	
		(VI 2540763-002)	MSD	mg/L	12.00	105%	75-125	406
			MSRPD	mg/L		7.9%	≤20.0	

Definition

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.

Explanation

406	: Matrix Spike (MS) not within the Acceptance Range (AR) because of high analyte concentration in the sample. Data was accepted based on the LCS or CCV recovery.
435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

February 18, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501197

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic TOC 415.1	5310C	01/29/2025:201058AMM (SP 2501297-001)	Blank	mg/L		ND	<0.3	
			MS	mg/L	25.00	99.6%	75-125	
			MSD	mg/L	25.00	99.7%	75-125	
			MSRPD	mg/L		0.0%	≤23.0	
1,1,1-Trichloroethane(TCA)	624.1	01/30/2025:201117SBL (SP 2500999-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	100%	70-130	
			MS	ug/L	10.00	104%	52-162	
			MSD	ug/L	10.00	94.4%	52-162	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		9.4%	≤36	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	106%	70-130	
			MS	ug/L	10.00	109%	52-162	
1,1,2,2-Tetrachloroethane	624.1	01/30/2025:201117SBL (SP 2500999-001)	MSD	ug/L	10.00	105%	52-162	
			MSRPD	ug/L		2.9%	≤36	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	60-140	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	116%	46-157	
			MSD	ug/L	10.00	91.6%	46-157	
			MSRPD	ug/L		23.1%	≤61	
			Blank	ug/L		ND	<0.5	
1,1,2-Trichloroethane	624.1	01/30/2025:201117SBL (SP 2500999-001)	LCS	ug/L	10.00	97.9%	60-140	
			MS	ug/L	10.00	93.7%	46-157	
			MSD	ug/L	10.00	97.6%	46-157	
			MSRPD	ug/L		4.1%	≤61	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	107%	70-130	
			MS	ug/L	10.00	95.1%	52-150	
			MSD	ug/L	10.00	110%	52-150	
1,1-Dichloroethane	624.1	01/30/2025:201117SBL (SP 2500999-001)	MSRPD	ug/L		14.6%	≤45	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	97.6%	70-130	
			MS	ug/L	10.00	104%	59-155	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSD	ug/L	10.00	83.5%	59-155	
			MSRPD	ug/L		21.6%	≤40	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	92.6%	70-130	
1,1-Dichloroethylene	624.1	01/30/2025:201117SBL (SP 2500999-001)	MS	ug/L	10.00	117%	59-155	
			MSD	ug/L	10.00	37.7%	59-155	
			MSRPD	ug/L		102.6%	≤40	435
			Blank	ug/L		ND	<0.5	435
	624.1	02/04/2025:201276SBL	LCS	ug/L	10.00	149%	50-150	
			MS	ug/L	10.00	139%	5-234	
			MSD	ug/L	10.00	96.5%	5-234	
			MSRPD	ug/L		36.1%	≤32	435
	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	

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Chiquita Canyon Landfill

Lab No. : SP 2501197

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
		(SP 2501685-001)	LCS	ug/L	10.00	130%	50-150	
			MS	ug/L	10.00	140%	5-234	
			MSD	ug/L	10.00	116%	5-234	
			MSRPD	ug/L		18.8%	≤32	
1,2-Dichlorobenzene	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	121%	65-135	
			MS	ug/L	10.00	92.9%	18-190	
			MSD	ug/L	10.00	74.4%	18-190	
	624.1	02/04/2025:201276SBL	MSRPD	ug/L		22.2%	≤57	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	80.2%	65-135	
			MS	ug/L	10.00	64.3%	18-190	
	624.1	(SP 2501685-001)	MSD	ug/L	10.00	86.5%	18-190	
			MSRPD	ug/L		29.5%	≤57	
1,2-Dichloroethane (EDC)	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	95.0%	70-130	
			MS	ug/L	10.00	87.2%	49-155	
			MSD	ug/L	10.00	82.3%	49-155	
	624.1	02/04/2025:201276SBL	MSRPD	ug/L		5.8%	≤49	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	96.3%	70-130	
			MS	ug/L	10.00	93.0%	49-155	
	624.1	(SP 2501685-001)	MSD	ug/L	10.00	114%	49-155	
			MSRPD	ug/L		20.0%	≤49	
1,2-Dichloropropane	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	134%	35-165	
			MS	ug/L	10.00	107%	5-210	
			MSD	ug/L	10.00	148%	5-210	
	624.1	02/04/2025:201276SBL	MSRPD	ug/L		32.7%	≤55	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	116%	35-165	
			MS	ug/L	10.00	111%	5-210	
	624.1	(SP 2501685-001)	MSD	ug/L	10.00	117%	5-210	
			MSRPD	ug/L		6.0%	≤55	
1,3-Dichlorobenzene	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	105%	70-130	
			MS	ug/L	10.00	114%	59-156	
			MSD	ug/L	10.00	88.4%	59-156	
	624.1	02/04/2025:201276SBL	MSRPD	ug/L		25.7%	≤43	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	95.7%	70-130	
			MS	ug/L	10.00	73.0%	59-156	
	624.1	(SP 2501685-001)	MSD	ug/L	10.00	79.9%	59-156	
			MSRPD	ug/L		9.0%	≤43	
1,4-Dichlorobenzene	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	125%	65-135	
			MS	ug/L	10.00	101%	18-190	
			MSD	ug/L	10.00	84.2%	18-190	
	624.1	02/04/2025:201276SBL	MSRPD	ug/L		17.7%	≤57	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	89.5%	65-135	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
2-Butanone (MEK)	624.1	01/30/2025:201117SBL	MS	ug/L	10.00	76.1%	18-190	
			MSD	ug/L	10.00	79.5%	18-190	
			MSRPD	ug/L		4.4%	≤57	
			Blank	ug/L		ND	<40	
			LCS	ug/L	100.0	80.7%	52-147	
			MS	ug/L	100.0	92.3%	8-193	
			MSD	ug/L	100.0	80.9%	8-193	
			MSRPD	ug/L		13.2%	≤26	
			Blank	ug/L		ND	<40	
			LCS	ug/L	100.0	86.0%	52-147	
			MS	ug/L	100.0	92.1%	8-193	
			MSD	ug/L	100.0	116%	8-193	
2-Chloroethylvinyl ether	624.1	01/30/2025:201117SBL	MSRPD	ug/L		22.7%	≤26	
			Blank	ug/L		ND	<1	
			LCS	ug/L	100.0	110%	1-225	
			MS	ug/L	100.0	61.9%	1-305	
			MSD	ug/L	100.0	53.7%	1-305	
			MSRPD	ug/L		14.2%	≤71	
			Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	104%	28-254	
			MS	ug/L	100.0	84.9%	0-348	
			MSD	ug/L	100.0	81.4%	0-348	
			MSRPD	ug/L		4.3%	≤29	
			Blank	ug/L		ND	<30	
2-Hexanone	624.1	02/04/2025:201276SBL	LCS	ug/L	100.0	94.2%	28-254	
			MS	ug/L	100.0	85.7%	0-348	
			MSD	ug/L	100.0	109%	0-348	
			MSRPD	ug/L		23.9%	≤29	
			Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	102%	64-135	
			MS	ug/L	100.0	110%	64-135	
			MSD	ug/L	100.0	118%	86-116	435
			MSRPD	ug/L		31.7%	≤12	435
			Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	96.8%	30-235	
			MS	ug/L	100.0	88.6%	0-316	
4-Bromofluorobenzene (BFB)	624.1	01/30/2025:201117SBL	MSD	ug/L	100.0	82.4%	0-316	
			MSRPD	ug/L		7.3%	≤24	
			Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	89.3%	30-235	
			MS	ug/L	100.0	116%	0-316	
			MSD	ug/L	100.0	104%	0-316	
			MSRPD	ug/L		10.6%	≤24	
			Blank	ug/L		ND	<25	
			LCS	ug/L	100.0	87.6%	51-122	
			MS	ug/L	100.0	71.7%	4-162	
			MSRPD	ug/L				
			Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	89.3%	30-235	
4-Methyl-2-pentanone (MIBK)	624.1	02/04/2025:201276SBL	MS	ug/L	100.0	116%	0-316	
			MSD	ug/L	100.0	104%	0-316	
			MSRPD	ug/L		10.6%	≤24	
			Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	89.3%	30-235	
			MS	ug/L	100.0	116%	0-316	
			MSD	ug/L	100.0	104%	0-316	
			MSRPD	ug/L		10.6%	≤24	
			Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	89.3%	30-235	
			MS	ug/L	100.0	116%	0-316	
			MSD	ug/L	100.0	104%	0-316	
			MSRPD	ug/L		10.6%	≤24	
Acetone	624.1	01/30/2025:201117SBL	MSRPD	ug/L				
			Blank	ug/L		ND	<25	
			LCS	ug/L	100.0	87.6%	51-122	
			MS	ug/L	100.0	71.7%	4-162	
			MSRPD	ug/L				
			Blank	ug/L		ND	<25	
			LCS	ug/L	100.0	87.6%	51-122	
			MS	ug/L	100.0	71.7%	4-162	
			MSRPD	ug/L				
			Blank	ug/L		ND	<25	
			LCS	ug/L	100.0	87.6%	51-122	
			MS	ug/L	100.0	71.7%	4-162	
			MSRPD	ug/L				

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Chiquita Canyon Landfill

Lab No. : SP 2501197

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
		(SP 2500999-001)	MSD	ug/L	100.0	50.2%	4-162	
			MSRPD	ug/L		35.2%	≤41	
	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<25	
			LCS	ug/L	100.0	82.7%	51-122	
			MS	ug/L	100.0	77.4%	4-162	
		(SP 2501685-001)	MSD	ug/L	100.0	37.2%	4-162	
			MSRPD	ug/L		70.2%	≤41	435
Acrolein	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<5	
			LCS	ug/L	200.0	95.4%	60-140	
			MS	ug/L	200.0	22.9%	40-160	435
		(SP 2500999-001)	MSD	ug/L	200.0	15.1%	40-160	435
			MSRPD	ug/L		41.4%	≤60	
Acrylonitrile	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	200.0	95.1%	60-140	
			MS	ug/L	200.0	70.2%	40-160	
		(SP 2500999-001)	MSD	ug/L	200.0	51.1%	40-160	
			MSRPD	ug/L		31.6%	≤60	
Benzene	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	90.1%	65-135	
			MS	ug/L	10.00	87.2%	37-151	
		(SP 2500999-001)	MSD	ug/L	10.00	80.5%	37-151	
			MSRPD	ug/L		8.0%	≤61	
	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	97.2%	65-135	
			MS	ug/L	10.00	97.8%	37-151	
		(SP 2501685-001)	MSD	ug/L	10.00	96.9%	37-151	
			MSRPD	ug/L		1.0%	≤61	
Bromodichloromethane	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	94.3%	65-135	
			MS	ug/L	10.00	94.3%	35-155	
		(SP 2500999-001)	MSD	ug/L	10.00	86.8%	35-155	
			MSRPD	ug/L		5.0%	≤56	
	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	115%	65-135	
			MS	ug/L	10.00	106%	35-155	
		(SP 2501685-001)	MSD	ug/L	10.00	117%	35-155	
			MSRPD	ug/L		7.5%	≤56	
Bromoform	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	127%	70-130	
			MS	ug/L	10.00	122%	45-169	
		(SP 2500999-001)	MSD	ug/L	10.00	99.9%	45-169	
			MSRPD	ug/L		20.2%	≤52	
	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	100%	70-130	
			MS	ug/L	10.00	65.8%	45-169	
		(SP 2501685-001)	MSD	ug/L	10.00	79.8%	45-169	
			MSRPD	ug/L		8.9%	≤52	
Bromomethane (Methyl Bromide)	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	106%	15-185	
			MS	ug/L	10.00	128%	5-242	
		(SP 2500999-001)	MSD	ug/L	10.00	80.2%	5-242	

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Chiquita Canyon Landfill

Lab No. : SP 2501197

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		46.0%	≤61	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	133%	15-185	
			MS	ug/L	10.00	144%	5-242	
			MSD	ug/L	10.00	116%	5-242	
Carbon Disulfide	624.1	01/30/2025:201117SBL (SP 2500999-001)	MSRPD	ug/L		21.9%	≤61	
			Blank	ug/L		ND	<10	
			LCS	ug/L	100.0	88.2%	18-120	
			MS	ug/L	100.0	85.9%	10-135	
			MSD	ug/L	100.0	63.4%	10-135	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		30.1%	≤38	
			Blank	ug/L		ND	<10	
			LCS	ug/L	100.0	86.2%	18-120	
			MS	ug/L	100.0	42.4%	10-135	
			MSD	ug/L	100.0	41.4%	10-135	
Carbon Tetrachloride	624.1	01/30/2025:201117SBL (SP 2500999-001)	MSRPD	ug/L		2.3%	≤38	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	109%	70-130	
			MS	ug/L	10.00	113%	70-140	
			MSD	ug/L	10.00	99.8%	70-140	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		12.4%	≤41	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	109%	70-130	
			MS	ug/L	10.00	122%	70-140	
			MSD	ug/L	10.00	111%	70-140	
Chlorobenzene	624.1	01/30/2025:201117SBL (SP 2500999-001)	MSRPD	ug/L		9.6%	≤41	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	117%	65-135	
			MS	ug/L	10.00	143%	37-160	
			MSD	ug/L	10.00	107%	37-160	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		28.7%	≤53	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	125%	65-135	
			MS	ug/L	10.00	116%	37-160	
			MSD	ug/L	10.00	109%	37-160	
Chloroethane (Ethyl Chloride)	624.1	01/30/2025:201117SBL (SP 2500999-001)	MSRPD	ug/L		6.0%	≤53	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	135%	40-160	
			MS	ug/L	10.00	170%	14-230	
			MSD	ug/L	10.00	85.4%	14-230	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		66.3%	≤78	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	151%	40-160	
			MS	ug/L	10.00	136%	14-230	
			MSD	ug/L	10.00	96.5%	14-230	
Chloroform	624.1	01/30/2025:201117SBL (SP 2500999-001)	MSRPD	ug/L		34.0%	≤78	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	102%	70-135	
			MS	ug/L	10.00	106%	5-273	
			MSD	ug/L	10.00	89.4%	5-273	
			MSRPD	ug/L		8.3%	≤54	

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Chiquita Canyon Landfill

Lab No. : SP 2501197

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	106%	70-135	
			MS	ug/L	10.00	104%	5-273	
			MSD	ug/L	10.00	107%	5-273	
			MSRPD	ug/L		2.5%	≤54	
Chloromethane(Methyl Chloride)	624.1	01/30/2025:201117SBL (SP 2500999-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	69.9%	5-205	
			MS	ug/L	10.00	84.4%	5-273	
			MSD	ug/L	10.00	54.4%	5-273	
			MSRPD	ug/L		43.1%	≤60	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	96.5%	5-205	
			MS	ug/L	10.00	95.5%	5-273	
			MSD	ug/L	10.00	75.2%	5-273	
			MSRPD	ug/L		23.7%	≤60	
cis-1,3-Dichloropropene	624.1	01/30/2025:201117SBL (SP 2500999-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	148%	25-175	
			MS	ug/L	10.00	98.2%	5-227	
			MSD	ug/L	10.00	91.5%	5-227	
			MSRPD	ug/L		7.0%	≤58	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	25-175	
			MS	ug/L	10.00	127%	5-227	
			MSD	ug/L	10.00	119%	5-227	
			MSRPD	ug/L		6.1%	≤58	
Dibromochloromethane	624.1	01/30/2025:201117SBL (SP 2500999-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	126%	70-135	
			MS	ug/L	10.00	116%	53-149	
			MSD	ug/L	10.00	103%	53-149	
			MSRPD	ug/L		9.7%	≤50	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	128%	70-135	
			MS	ug/L	10.00	102%	53-149	
			MSD	ug/L	10.00	81.8%	53-149	
			MSRPD	ug/L		9.8%	≤50	
Ethylbenzene	624.1	01/30/2025:201117SBL (SP 2500999-001)	Blank	ug/L		ND	<0.5	330
			LCS	ug/L	10.00	143%	60-140	
			MS	ug/L	10.00	119%	37-162	
			MSD	ug/L	10.00	106%	37-162	
			MSRPD	ug/L		11.3%	≤63	
	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	111%	60-140	
			MS	ug/L	10.00	85.3%	37-162	
			MSD	ug/L	10.00	100%	37-162	
			MSRPD	ug/L		15.9%	≤63	
Fluorobenzene	624.1	01/30/2025:201117SBL (SP 2500999-001)	Blank	ug/L	10.00	100%	56-154	
			LCS	ug/L	10.00	92.3%	56-154	
			MS	ug/L	10.00	96.7%	83-119	
			MSD	ug/L	10.00	87.8%	83-119	
			MSRPD	ug/L		9.6%	≤15	
	624.1	02/04/2025:201276SBL	Blank	ug/L	10.00	101%	56-154	

February 18, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501197

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
		(SP 2501685-001)	LCS	ug/L	10.00	107%	56-154	
			MS	ug/L	10.00	115%	83-119	
			MSD	ug/L	10.00	118%	83-119	
			MSRPD	ug/L		2.6%	≤15	
Methyl tert-Butyl Ether (MTBE)	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<5	435
			LCS	ug/L	10.00	124%	89-136	
			MS	ug/L	10.00	92.0%	45-174	
			MSD	ug/L	10.00	60.8%	45-174	
	624.1	02/04/2025:201276SBL	MSRPD	ug/L		40.8%	≤2	435
			Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	89.2%	89-136	
			MS	ug/L	10.00	93.3%	45-174	
	624.1	(SP 2501685-001)	MSD	ug/L	10.00	52.8%	45-174	435
			MSRPD	ug/L		55.4%	≤2	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	126%	60-140	
Methylene Chloride	624.1	01/30/2025:201117SBL	MS	ug/L	10.00	118%	5-221	435
			MSD	ug/L	10.00	82.8%	5-221	
			MSRPD	ug/L		35.1%	≤28	
			Blank	ug/L		ND	<0.5	
	624.1	02/04/2025:201276SBL	LCS	ug/L	10.00	128%	60-140	435
			MS	ug/L	10.00	51.7%	5-221	
			MSD	ug/L	10.00	54.7%	5-221	
			MSRPD	ug/L		5.2%	≤28	
Pentafluorobenzene	624.1	01/30/2025:201117SBL	Blank	ug/L	10.00	101%	54-168	435
			LCS	ug/L	10.00	89.2%	54-168	
			MS	ug/L	10.00	92.0%	79-136	
			MSD	ug/L	10.00	90.3%	79-136	
	624.1	02/04/2025:201276SBL	MSRPD	ug/L		1.8%	≤3	435
			Blank	ug/L	10.00	91.6%	54-168	
			LCS	ug/L	10.00	104%	54-168	
			MS	ug/L	10.00	97.3%	79-136	
	624.1	(SP 2501685-001)	MSD	ug/L	10.00	99.9%	79-136	435
			MSRPD	ug/L		2.7%	≤3	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	121%	74-122	
Styrene	624.1	01/30/2025:201117SBL	MS	ug/L	10.00	138%	0-186	435
			MSD	ug/L	10.00	107%	0-186	
			MSRPD	ug/L		25.7%	≤20	
			Blank	ug/L		ND	<0.5	
	624.1	02/04/2025:201276SBL	LCS	ug/L	10.00	110%	74-122	435
			MS	ug/L	10.00	97.1%	0-186	
			MSD	ug/L	10.00	90.8%	0-186	
			MSRPD	ug/L		6.6%	≤20	
Tetrachloroethylene (PCE)	624.1	01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	435
			LCS	ug/L	10.00	83.1%	70-130	
			MS	ug/L	10.00	115%	64-148	
			MSD	ug/L	10.00	103%	64-148	
	624.1	02/04/2025:201276SBL	MSRPD	ug/L		11.6%	≤39	435
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	117%	70-130	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Toluene	624.1	(SP 2501685-001)	MS	ug/L	10.00	119%	64-148	
			MSD	ug/L	10.00	115%	64-148	
			MSRPD	ug/L		3.8%	≤39	
		01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	70.7%	70-130	
			MS	ug/L	10.00	101%	47-150	
			MSD	ug/L	10.00	83.3%	47-150	
		(SP 2500999-001)	MSRPD	ug/L		12.0%	≤41	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	70-130	
trans-1,2-Dichloroethylene	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	141%	47-150	
			MSD	ug/L	10.00	109%	47-150	
			MSRPD	ug/L		25.4%	≤41	
		01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	96.6%	70-130	
			MS	ug/L	10.00	125%	54-156	
			MSD	ug/L	10.00	79.8%	54-156	
		(SP 2500999-001)	MSRPD	ug/L		44.4%	≤45	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	110%	70-130	
trans-1,3-Dichloropropene	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	121%	54-156	
			MSD	ug/L	10.00	72.3%	54-156	
			MSRPD	ug/L		50.3%	≤45	
		01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	125%	50-150	
			MS	ug/L	10.00	101%	17-183	
			MSD	ug/L	10.00	90.7%	17-183	
		(SP 2500999-001)	MSRPD	ug/L		10.6%	≤86	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	50-150	
Trichloroethylene (TCE)	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	122%	17-183	
			MSD	ug/L	10.00	108%	17-183	
			MSRPD	ug/L		11.9%	≤86	
		01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	101%	65-135	
			MS	ug/L	10.00	93.9%	70-157	
			MSD	ug/L	10.00	78.8%	70-157	
		(SP 2500999-001)	MSRPD	ug/L		17.5%	≤48	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	104%	65-135	
Trichlorofluoromethane F-11	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	117%	70-157	
			MSD	ug/L	10.00	121%	70-157	
			MSRPD	ug/L		3.2%	≤48	
		01/30/2025:201117SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	122%	50-150	
			MS	ug/L	10.00	182%	17-181	
			MSD	ug/L	10.00	122%	17-181	
		(SP 2500999-001)	MSRPD	ug/L		39.3%	≤84	
			Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	121%	50-150	
	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	144%	17-181	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Vinyl Acetate	624.1	(SP 2501685-001)	MSD	ug/L	10.00	108%	17-181	
			MSRPD	ug/L		28.0%	≤84	
		01/30/2025:201117SBL	Blank	ug/L		ND	<10	
			LCS	ug/L	100.0	105%	52-178	
			MS	ug/L	100.0	108%	0-243	
		(SP 2500999-001)	MSD	ug/L	100.0	72.7%	0-243	
			MSRPD	ug/L		38.8%	≤116	
Vinyl Chloride	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<10	
			LCS	ug/L	100.0	85.2%	52-178	
			MS	ug/L	100.0	89.3%	0-243	
		(SP 2501685-001)	MSD	ug/L	100.0	39.3%	0-243	
			MSRPD	ug/L		77.8%	≤116	
		01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	83.4%	5-195	
Xylenes m,p	624.1		MS	ug/L	10.00	109%	5-251	
		(SP 2500999-001)	MSD	ug/L	10.00	71.8%	5-251	
			MSRPD	ug/L		41.4%	≤66	
		02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	105%	5-195	
			MS	ug/L	10.00	112%	5-251	
		(SP 2501685-001)	MSD	ug/L	10.00	117%	5-251	
Xylenes o	624.1		MSRPD	ug/L		4.4%	≤66	
		01/30/2025:201117SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	145%	72-120	330
			MS	ug/L	20.00	129%	35-157	
		(SP 2500999-001)	MSD	ug/L	20.00	115%	35-157	
			MSRPD	ug/L		11.5%	≤16	
		02/04/2025:201276SBL	Blank	ug/L		ND	<1	
Xylenes o	624.1		LCS	ug/L	20.00	112%	72-120	
			MS	ug/L	20.00	83.3%	35-157	
		(SP 2501685-001)	MSD	ug/L	20.00	99.7%	35-157	
			MSRPD	ug/L		17.9%	≤16	435
		01/30/2025:201117SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	118%	72-119	
			MS	ug/L	10.00	137%	52-143	
Xylenes o	624.1	(SP 2500999-001)	MSD	ug/L	10.00	109%	52-143	
			MSRPD	ug/L		23.0%	≤24	
		02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	113%	72-119	
			MS	ug/L	10.00	99.1%	52-143	
		(SP 2501685-001)	MSD	ug/L	10.00	93.1%	52-143	
			MSRPD	ug/L		6.2%	≤24	

Definition

Blank : Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.

LCS : Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.

MS : Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

MSD : Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.

MSRPD : MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.

Explanation

330 : The LCS was out of acceptance limits. Results may be biased high.

435 : Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.

February 18, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501197

Customer No. : 2028560

Quality Control - Wet Chem

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Wet Chem								
Alkalinity (as CaCO ₃)	2320B	(SP 2501197-001)	Dup	mg/L		1.52%	10	
E. C.	2320B	(SP 2501197-001)	Dup	umhos/cm		0.5%	5	
pH	2320B	(SP 2501197-001)	Dup	units		0.4%	4.80	
Solids, Total Dissolved	2540CE	01/28/2025:201004CTL	Blank	mg/L	991.1	ND	<20	
		(VI 2540562-002)	LCS	mg/L		104%	90-110	
		(VI 2540562-002)	Dup	mg/L		1.68%	5	
		(VI 2540562-002)	Dup	mg/L		1.02%	5	
Bromide	300.0	01/31/2025:201155LDM	Blank	mg/L		ND	<0.03	
	300.0	01/31/2025:201156LDM	Blank	mg/L		ND	<0.03	
	300.0	01/31/2025:201155LDM	LCS	mg/L	5.000	97.4%	90-110	
	300.0	01/31/2025:201156LDM	LCS	mg/L	5.000	94.3%	90-110	
			MS	mg/L	10.00	101%	86-115	
	300.0	01/31/2025:201155LDM	MS	mg/L	10.00	99.2%	86-115	
	300.0	(CH 2570645-002)	MSD	mg/L	10.00	101%	86-115	
	300.0	(CH 2570646-003)	MSD	mg/L	10.00	99.0%	86-115	
			MSRPD	mg/L		0.2%	≤9	
	300.0	01/31/2025:201156LDM	MSRPD	mg/L		0.1%	≤9	
			MS	mg/L	10.00	99.4%	86-115	
	300.0	01/31/2025:201155LDM	MS	mg/L	10.00	99.8%	86-115	
			(CC 2580207-001)	MSD	mg/L	99.1%	86-115	
	300.0	(STK2530775-002)	MSD	mg/L	10.00	99.3%	86-115	
			MSRPD	mg/L		0.2%	≤9	
Fluoride	300.0	01/31/2025:201155LDM	MSRPD	mg/L		0.7%	≤9	
	300.0	01/31/2025:201156LDM	Blank	mg/L		ND	<0.1	
	300.0	01/31/2025:201155LDM	Blank	mg/L		ND	<0.1	
			LCS	mg/L	2.500	101%	90-110	
	300.0	01/31/2025:201156LDM	LCS	mg/L	2.500	96.6%	90-110	
			MS	mg/L	5.000	104%	89-111	
	300.0	01/31/2025:201155LDM	MS	mg/L	5.000	104%	89-111	
	300.0	(CH 2570646-003)	MSD	mg/L	5.000	104%	89-111	
			(CH 2570645-002)	MSD	mg/L	104%	89-111	
	300.0	01/31/2025:201155LDM	MSRPD	mg/L		0.5%	≤9	
	300.0	01/31/2025:201156LDM	MSRPD	mg/L		0.3%	≤9	
			MS	mg/L	5.000	102%	89-111	
	300.0	01/31/2025:201155LDM	MS	mg/L	5.000	103%	89-111	
			(CC 2580207-001)	MSD	mg/L	103%	89-111	
	300.0	(STK2530775-002)	MSD	mg/L	5.000	102%	89-111	
			MSRPD	mg/L		0.5%	≤9	
Sulfate	300.0	01/31/2025:201155LDM	MSRPD	mg/L		0.2%	≤9	
	300.0	01/31/2025:201156LDM	Blank	mg/L		ND	<0.5	
	300.0	01/31/2025:201155LDM	Blank	mg/L		ND	<0.5	
	300.0	01/31/2025:201156LDM	LCS	mg/L	50.00	98.1%	90-110	
	300.0	01/31/2025:201155LDM	LCS	mg/L	50.00	98.7%	90-110	
			MS	mg/L	100.0	97.2%	18-165	
	300.0	01/31/2025:201156LDM	MS	mg/L	100.0	103%	18-165	
	300.0	(CH 2570646-003)	MSD	mg/L	100.0	97.3%	18-165	
	300.0	(CH 2570645-002)	MSD	mg/L	100.0	103%	18-165	
	300.0	01/31/2025:201155LDM	MSRPD	mg/L		0.2%	≤7	
	300.0	01/31/2025:201156LDM	MSRPD	mg/L		0.1%	≤7	

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
			MS	mg/L	100.0	99.7%	18-165	

Quality Control - Wet Chem

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
	300.0	01/31/2025:201155LDM	MS	mg/L	100.0	92.6%	18-165	
	300.0	(STK2530775-002)	MSD	mg/L	100.0	99.6%	18-165	
	300.0	(CC 2580207-001)	MSD	mg/L	100.0	93.0%	18-165	
			MSRPD	mg/L		0.2%	≤7	
	300.0	01/31/2025:201156LDM	MSRPD	mg/L		0.1%	≤7	
Carbon Dioxide	4500COC	(SP 2501197-001)	Dup	mg/L		0%	30	
Nitrate Nitrogen	4500NO3F	02/07/2025:201422MM1	Blank	mg/L		ND	<0.4	
			LCS	mg/L	11.22	103%	80-120	
			MS	mg/L	5.609	89.6%	66-125	
		(STK2531704-001)	MSD	mg/L	5.609	90.6%	66-125	
			MSRPD	mg/L		0.4%	≤30.4	
	4500NO3F	02/11/2025:201532MM1	Blank	mg/L		ND	<0.4	
			LCS	mg/L	11.22	98.8%	80-120	
			MS	mg/L	5.609	95.4%	66-125	
		(SP 2502026-012)	MSD	mg/L	5.609	97.1%	66-125	
			MSRPD	mg/L		1.1%	≤30.4	
Sulfide, Total	4500S D	01/29/2025:201059CTL	LCS	mg/L	0.6667	99.6%	75-125	
		(SP 2501197-001)	Dup	mg/L		10.2%	20	
COD	5220D	02/03/2025:201210JCG	Blank	mg/L		ND	<20	
			LCS	mg/L	200.0	104%	95-105	
			MS	mg/L	200.0	102%	33-147	
		(SP 2501344-003)	MSD	mg/L	200.0	106%	33-147	
			MSRPD	mg/L		2.7%	≤15	

Definition

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
Dup	: Duplicate Sample - A random sample with each batch is prepared and analyzed in duplicate. The relative percent difference is an indication of precision for the preparation and analysis.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.

				6284:01/06/2025		TEST DESCRIPTION - See Reverse side for Container, Preservative and Sampling information													
Client: Chiquita Canyon Landfill Address: Chiquita Canyon, LLC 29201 Henry Mayo Dr. Castaic, CA 91384 Phone: (425)414-2903 Fax: Contact Person: Matt Breuer Project Name: Chiquita Cyn Landfill-MPars 2 Purchase Order Number: Quote Number: SP 20241121-05				Method of Sampling: Composite(C) Grab(G) Type of Sample: **SEE REVERSE SIDE** Potable(P) Non-Potable(NP) Ag Water(AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)		Wet Chemistry-SO4,TDS,NO3-N,F,CO2,Br,Alk. (CaCO3) 32oz(P) Wet Chemistry-COD 16oz(P)-H2SO4 Wet Chemistry-Total Sulfide 16oz(P)-NaOH + Zinc Acetate Metals, Total-B,Ca,Mg,Mn,K,Na 250ml(P)-HNO3 TOC 40ml(AVT)-H3PO4 EPA 624.1 40ml(VOA)-HCl, 250ml(AGT) Sub Organic-1,4, Dioxane by 8270 ****Requires MDL Reporting**** 1000ml(AGT) Field Test-Field pH !pH = 15 MINUTE HOLD TIME! Field - pH Date Field - pH Time Field Test-Field Turbidity Field Test-Field Temp. Circle one: °F or °C													
Sampler(s) BLANCA HOFFMEIER Isaac Hoffmeier Sampling Fee: _____ Pickup Fee: _____ Compositor Setup Date: ____/____/____ Time: ____/____ Lab Number: SP 2501197 2-28560																			
Samp Num	Location Description	Date Sampled	Time Sampled	G	STM														
1	South Basin - Western Inlet	1/26/25	9:30am	G	STM					1	1	1	1	2	2,1	1	"ERROR"	3063	n/a
2	South Basin - Eastern Inlet	1/26/25	3:30pm	G	STM					1	1	1	1	2	2,1	1	8.29	1/26	3:45
Remarks: Multiple Chains -1 pH in lab				Relinquished Date: Time: BLANCA Hoffmeier 1/27/25 9:45am		Relinquished Date: Time:		Relinquished Date: Time:		Relinquished Date: Time:		Relinquished Date: Time:		Relinquished Date: Time:		Relinquished Date: Time:		Relinquished Date: Time:	
Received By: Date: Time: mc 1/27/25 9:45				Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:		Received By: Date: Time:	

9411 W. Goshen Avenue
Visalia, CA 93291

Subject: Re: VOA Headspace for 2501198 & 2501197
From: Matt Breuer <Matt.Breuer@WasteConnections.com>
Date: 1/28/2025, 7:34 AM
To: Matthew Casas <matthewc@fglinc.com>
CC: Login Santa Paula <loginsp@fglinc.com>

Thank you again for the notice. Please proceed with analysis.

Matt Breuer, PE | Western Region Environmental Manager | Waste Connections
(m) 425-414-2903

From: Matthew Casas <matthewc@fglinc.com>
Sent: Monday, January 27, 2025 12:37 PM
To: Matt Breuer <Matt.Breuer@WasteConnections.com>
Cc: Login Santa Paula <loginsp@fglinc.com>
Subject: VOA Headspace for 2501198 & 2501197

Hello Matt,

Attached are the COCs for the affected projects.

2501197 Chiquita Cyn Landfill-MPars 2: 624.1 40ml VOAs had too much headspace. The chemist can proceed with this but the results will be biased low.

2501198 Chiquita Landfill - App II 2: 8260 40ml VOAs had too much headspace. The sub-lab will make the determination of how biased these results will be due to the headspace.

Please let me know how you would like to proceed with these.

Also, Blanca had mentioned that she thought some sample containers were missing but all containers and labels are accounted for.

--
Regards,
Matthew Casas
Sample Receiving
Fruit Growers Laboratory
805-392-2017

Condition Upon Receipt (Attach to COC) SP 2501197

Sample Receipt at SP:

1. Number of ice chests/packages received: OTC
2. Shipper tracking number(s) _____
3. Temp IR Gun ID#: TH261
4. Were samples received on Ice? ☒ Yes ☐ No Temps: ROI / 14C / _____ / _____ / _____ / _____
5. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
6. Do the number of bottles received agree with the COC? ☒ Yes ☐ No **N/A**
7. Verify sample date, time, sampler ☒ Yes ☐ No
8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ☒ Yes ☐ No
2. Did bottle labels correspond with the client's ID's? ☒ Yes ☐ No
3. Were all bottles requiring sample preservation properly preserved? ☒ Yes ☐ No **N/A** **FGL**
[Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? **Yes** ☐ No **N/A**
5. Were all analyses within holding times at time of receipt? **Yes** ☐ No
6. Have rush or project due dates been checked and accepted? **Yes** ☐ No ☒ N/A

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by:

Reviewed and
Approved By

Matthew Casas



Digitally signed by Matthew Casas
Title: Sample Receiving
Date: 01/28/2025-09:40:00

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: Matt Breuer Phone Number: _____
- Initiated By: MDC Date: _____
- Problem: **624.1 VOAs had significant headspace.**

Resolution: **Matt approved proceeding with analysis.**

2. Person Contacted: _____ Phone Number: _____
- Initiated By: _____ Date: _____
- Problem: _____

Resolution: _____

(2028560)
Chiquita Canyon Landfill
SP 2501197
MDC-01/28/2025-09:40:00

February 20, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Subject: Subcontract Analysis for FGL Lab No. SP 2501350

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-EPA 8260

Please note that this analysis was performed by Zalco Laboratories, Inc.

Thank you for using FGL Environmental.

Sincerely,

Stephanie Herron  Digitally signed by Stephanie Herron
Title: Customer Service Rep
Date: 2025-02-20

Enclosure



Zalco
Laboratories, Inc.

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

February 20, 2025

Cindy Aguirre

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060
RE: Master

Zalco Work Order: 2501611

Zalco Project:

Enclosed are the results of analyses for samples received by our laboratory on 1/30/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, reading "Andrea Magana". The signature is fluid and cursive, with the first name "Andrea" and last name "Magana" clearly distinguishable.

Andrea Magana For Juan Magana
Laboratory Technical Manager

**Subcontract to
Zalco Laboratories, Inc.**

2501611

CHAIN OF CUSTODY
AND ANALYSES REQUEST FORM

Page 1 of 1

Page 2 of 9

Chain of Custody Information				Sample Information				Test Description(s)											
Lab Number: Client: Fruit Growers Laboratory Address: 853 Corporation St. Santa Paula, CA 93060-3005 Phone: Fax: Contact: Project: SP 2501350 Purchase Order: Sampler(s): Blanca H/Isaac H Compositor Setup Date: Time:				Method of Sampling: Composite (C) Grab(G) Type of Sample Potable(P) Non-Potable(NP) Ag Waiver (AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL) Sub Organic-EPA 8260 - Appendix II	***Report only the compounds on the 40CFR258 Appx II list*** ***Requires MDL Reporting*** 40ml(AGT)														
Samp Num	Location Description	Date Sampled	Time Sampled																
1	South Sedimentaion Basin - Sta	01/28/2025	12:15			G	STM												
Remarks Sample 1: MDL Reporting 5.96 (R.T.)				Relinquished Date Time CM 1/29/25 17:00		Relinquished Date Time AMC 1/30/25 12:00		Relinquished Date Time Received By: Date Time		Relinquished Date Time Received By: Date Time		Relinquished Date Time Received By: Date Time		Relinquished Date Time Received By: Date Time					



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Work Order Case Narrative

Sample results evaluated to the MDL



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Sample Results

Sample Name: South Sedimentation Basin- Sta

Sampled Date - Time: 1/28/2025 12:15:00PM

Matrix: Water

Lab ID: 2501611-01

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS

Acetone	ND	50	48	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acrolein	ND	20	4.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acrylonitrile	ND	20	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Benzene	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromochloromethane	ND	5.0	0.93	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromodichloromethane	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromoform	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromomethane	ND	5.0	2.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Butanone	ND	50	22	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Carbon disulfide	ND	5.0	2.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Carbon tetrachloride	ND	5.0	1.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chlorobenzene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroethane	ND	5.0	3.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroform	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloromethane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dibromoethane (EDB)	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dibromomethane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichlorobenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3-Dichlorobenzene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,4-Dichlorobenzene	ND	5.0	2.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dichlorodifluoromethane	ND	5.0	0.91	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichloroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloroethene	ND	5.0	1.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
trans-1,2-Dichloroethene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichloropropane	ND	5.0	0.92	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
cis-1,3-Dichloropropene	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
trans-1,3-Dichloropropene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Ethylbenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dibromochloromethane	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
cis-1,2-Dichloroethene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3-Dichloropropane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2,2-Dichloropropane	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloropropene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Hexanone	ND	50	32	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Iodomethane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Methylene chloride	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
4-Methyl-2-pentanone	ND	50	24	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Sample Results

(Continued)

Sample Name: South Sedimentation Basin- Sta (Continued)

Sampled Date - Time:

1/28/2025 12:15:00PM

Matrix:

Water

Lab ID: 2501611-01

Sample Type:

Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS (Continued)

Xylenes, total	0.0			ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Naphthalene	ND	5.0	3.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Styrene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Toluene	ND	5.0	3.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2,2-Tetrachloroethane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Tetrachloroethene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,1,2-Tetrachloroethane	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,4-Trichlorobenzene	ND	5.0	3.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,1-Trichloroethane	ND	5.0	1.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2-Trichloroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Trichloroethene	ND	5.0	0.85	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Trichlorofluoromethane	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,3-Trichloropropane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Vinyl acetate	ND	5.0	4.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Vinyl chloride	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acetonitrile	ND	5.0	0.83	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroprene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	

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**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Quality Control

Volatile Organic Compounds by GC/MS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B

Blank (5B00177-BLK1)

Prepared & Analyzed: 1/30/2025

Acetone	ND		50	ug/L
Acrolein	ND		20	ug/L
Acrylonitrile	ND		20	ug/L
Benzene	ND		5.0	ug/L
Bromochloromethane	ND		5.0	ug/L
Bromodichloromethane	ND		5.0	ug/L
Bromoform	ND		5.0	ug/L
Bromomethane	ND		5.0	ug/L
2-Butanone	ND		50	ug/L
Tert-butyl alcohol	ND		25	ug/L
Carbon disulfide	ND		5.0	ug/L
Carbon tetrachloride	ND		5.0	ug/L
Chlorobenzene	ND		5.0	ug/L
Chloroethane	ND		5.0	ug/L
2-Chloroethylvinyl ether	ND		5.0	ug/L
Chloroform	ND		5.0	ug/L
Chloromethane	ND		5.0	ug/L
1,2-Dibromo-3-chloropropane	ND		5.0	ug/L
1,2-Dibromoethane (EDB)	ND		5.0	ug/L
Dibromomethane	ND		5.0	ug/L
1,2-Dichlorobenzene	ND		5.0	ug/L
1,3-Dichlorobenzene	ND		5.0	ug/L
1,4-Dichlorobenzene	ND		5.0	ug/L
Dichlorodifluoromethane	ND		5.0	ug/L
1,1-Dichloroethane	ND		5.0	ug/L
1,2-Dichloroethane	ND		5.0	ug/L
1,1-Dichloroethene	ND		5.0	ug/L
trans-1,2-Dichloroethene	ND		5.0	ug/L
1,2-Dichloropropane	ND		5.0	ug/L
cis-1,3-Dichloropropene	ND		5.0	ug/L
trans-1,3-Dichloropropene	ND		5.0	ug/L
Bromobenzene	ND		5.0	ug/L
n-Butylbenzene	ND		5.0	ug/L
sec-Butylbenzene	ND		5.0	ug/L
Ethyl acetate	ND		50	ug/L
tert-Butylbenzene	ND		5.0	ug/L
2-Chlorotoluene	ND		5.0	ug/L
Ethylbenzene	ND		5.0	ug/L
4-Chlorotoluene	ND		5.0	ug/L
Dibromochloromethane	ND		5.0	ug/L
cis-1,2-Dichloroethene	ND		5.0	ug/L
1,3-Dichloropropane	ND		5.0	ug/L
Hexachlorobutadiene	ND		5.0	ug/L
2,2-Dichloropropane	ND		5.0	ug/L
1,1-Dichloropropene	ND		5.0	ug/L
2-Hexanone	ND		50	ug/L
Di-isopropyl ether	ND		5.0	ug/L

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Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Quality Control
(Continued)

Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B (Continued)

Blank (5B00177-BLK1)

Prepared & Analyzed: 1/30/2025

Ethyl tert-Butyl Ether	ND		5.0	ug/L						
Iodomethane	ND		5.0	ug/L						
4-Isopropyltoluene	ND		5.0	ug/L						
Isopropylbenzene	ND		5.0	ug/L						
Methyl tert-Butyl Ether	ND		5.0	ug/L						
n-Propyl Benzene	ND		5.0	ug/L						
Tert-Amyl Methyl Ether	ND		5.0	ug/L						
1,2,3-Trichlorobenzene	ND		5.0	ug/L						
1,2,4-Trimethylbenzene	ND		5.0	ug/L						
Methylene chloride	ND		5.0	ug/L						
1,3,5-Trimethylbenzene	ND		5.0	ug/L						
4-Methyl-2-pentanone	ND		50	ug/L						
Xylenes, total	0.0			ug/L						
m,p-Xylene	ND		5.0	ug/L						
o-Xylene	ND		5.0	ug/L						
Naphthalene	ND		5.0	ug/L						
Styrene	ND		5.0	ug/L						
Toluene	ND		5.0	ug/L						
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L						
Tetrachloroethene	ND		5.0	ug/L						
1,1,1,2-Tetrachloroethane	ND		5.0	ug/L						
1,2,4-Trichlorobenzene	ND		5.0	ug/L						
1,1,1-Trichloroethane	ND		5.0	ug/L						
1,1,2-Trichloroethane	ND		5.0	ug/L						
Trichloroethene	ND		5.0	ug/L						
Trichlorofluoromethane	ND		5.0	ug/L						
1,2,3-Trichloropropane	ND		5.0	ug/L						
Vinyl acetate	ND		5.0	ug/L						
Vinyl chloride	ND		5.0	ug/L						
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		5.0	ug/L						
Surrogate: 1,2-Dichloroethane-d4			54.9	ug/L	50.0		110	72-130		
Surrogate: Toluene-d8			46.3	ug/L	50.0		92.6	92-111		
Surrogate: 4-Bromofluorobenzene			52.7	ug/L	50.0		105	87-108		

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**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Quality Control
(Continued)

Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B (Continued)

LCS (5B00177-BS1)

Prepared & Analyzed: 1/30/2025

Benzene	44		5.0	ug/L	50.0		88.2	84-158		
Chlorobenzene	40		5.0	ug/L	50.0		79.0	9.64-172		
1,1-Dichloroethene	41	JMM-05	5.0	ug/L	50.0		82.9	93-220		
Toluene	38		5.0	ug/L	50.0		76.8	66-147		
Trichloroethene	42	JMM-05	5.0	ug/L	50.0		84.6	86-146		
Surrogate: 1,2-Dichloroethane-d4			47.8	ug/L	50.0		95.6	72-130		
Surrogate: Toluene-d8			50.1	ug/L	50.0		100	92-111		
Surrogate: 4-Bromofluorobenzene			47.4	ug/L	50.0		94.9	87-108		

Matrix Spike (5B00177-MS1)

Source: 2501534-01

Prepared & Analyzed: 1/30/2025

Benzene	42		5.0	ug/L	50.0	ND	84.7	77-164		
Chlorobenzene	38		5.0	ug/L	50.0	ND	76.2	18-182		
1,1-Dichloroethene	37		5.0	ug/L	50.0	ND	73.1	73-224		
Toluene	37		5.0	ug/L	50.0	ND	73.1	64-149		
Trichloroethene	41		5.0	ug/L	50.0	ND	82.0	76-159		
Surrogate: 1,2-Dichloroethane-d4			49.9	ug/L	50.0		99.8	72-130		
Surrogate: Toluene-d8			49.7	ug/L	50.0		99.4	92-111		
Surrogate: 4-Bromofluorobenzene			48.1	ug/L	50.0		96.2	87-108		

Matrix Spike Dup (5B00177-MSD1)

Source: 2501534-01

Prepared & Analyzed: 1/30/2025

Benzene	44		5.0	ug/L	50.0	ND	88.0	77-164	3.82	20
Chlorobenzene	40		5.0	ug/L	50.0	ND	80.7	18-182	5.63	20
1,1-Dichloroethene	41		5.0	ug/L	50.0	ND	81.2	73-224	10.5	20
Toluene	39		5.0	ug/L	50.0	ND	77.2	64-149	5.40	20
Trichloroethene	43		5.0	ug/L	50.0	ND	86.2	76-159	5.04	20
Surrogate: 1,2-Dichloroethane-d4			50.3	ug/L	50.0		101	72-130		
Surrogate: Toluene-d8			49.5	ug/L	50.0		99.0	92-111		
Surrogate: 4-Bromofluorobenzene			47.8	ug/L	50.0		95.6	87-108		

The contents of this report apply to the sample(s) analyzed in accordance with the chain of custody document. No duplication of this report is allowed, except in its entirety.

Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Notes and Definitions

Item	Definition
JMM-05	Percent recoveries are out of Zalco acceptance range. However, they are within EPA limits.
Dry	Sample results reported on a dry weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

February 6, 2025

Lab No. : SP 2501350

Customer No. : 2028560

Chiquita Canyon, LLC
 Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Laboratory Report

Introduction: This report package contains a total of 8 pages divided into 3 sections:

Case Narrative	(1 page)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(5 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab No.	Matrix
South Sedimentaion Basin - Sta	01/28/2025	01/28/2025	SP 2501350-001	STM

Sampling and Receipt Information:

The Sample was received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. The Sample was received, prepared and analyzed within the method specified holding times. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the associated Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary

EPA 624.1	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
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Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature. This report shall not be reproduced except in full, without the written approval of the laboratory.

KD: RDM

Approved By **Kelly A. Dunnahoo, B.S.**  Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2025-02-06

February 6, 2025

Chiquita Canyon, LLC

Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Sedimentaion Basin - Sta
Project : Water Quality

Lab No. : SP 2501350-001

Customer No. : 2028560

Sampled On : January 28, 2025 at 12:15

Sampled By : Blanca H/Isaac H

Received On : January 28, 2025 at 13:16

Matrix : Stormwater

Sample Results - Organic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
EPA 624.1							Date	Time	Who	Method	Date	Time	Who
4-Bromofluorobenzene ‡	94.0	64-135		%	1	hl	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Fluorobenzene ‡	106	56-154		%	1		02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Pentafluorobenzene ‡	98.2	54-168		%	1		02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Acetone	14.1	25	3.6	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Acrolein	ND	5	2.5	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:39	sbl
Acrylonitrile	ND	2	0.70	ug/L	1	Ul	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:39	sbl
Benzene	ND	0.5	0.30	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Bromodichloromethane	ND	0.5	0.28	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Bromoform	ND	0.5	0.35	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Bromomethane	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Chloromethane	ND	0.5	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Halomethanes, sum	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
2-Butanone (MEK)	9.89	40	2.4	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Carbon Disulfide	ND	10	1.1	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Carbon Tetrachloride	ND	0.5	0.24	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Chlorobenzene	ND	0.5	0.14	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Chloroethane	ND	0.5	0.20	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
2-Chloroethylvinyl ether	ND	1	0.29	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:39	sbl
Chloroform	ND	0.5	0.19	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Dibromochloromethane	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,2-Dichlorobenzene	ND	0.5	0.10	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,3-Dichlorobenzene	ND	0.5	0.10	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Dichlorobenzenes, sum	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,4-Dichlorobenzene	ND	0.5	0.12	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1-Dichloroethane	ND	0.5	0.20	ug/L	1	Ul	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,2-Dichloroethane	ND	0.5	0.16	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1-Dichloroethylene	ND	0.5	0.40	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
trans-1,2-Dichloroethylene	ND	0.5	0.20	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,2-Dichloropropane	ND	0.5	0.40	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
cis-1,3-Dichloropropene	ND	0.5	0.17	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
trans-1,3-Dichloropropene	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,3-Dichloropropene (Total)	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Ethyl Benzene	ND	0.5	0.17	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
2-Hexanone	ND	30	4.9	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl

4-Methyl-2-pentanone (MIBK)	ND	30	1.3	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Methylene Chloride	ND	0.5	0.16	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Methyl tert-Butyl Ether (MTBE)	ND	5	0.32	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Styrene	ND	0.5	0.18	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1,2,2-Tetrachloroethane	ND	0.5	0.25	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Tetrachloroethylene	ND	0.5	0.45	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Toluene	ND	0.5	0.41	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1,1-Trichloroethane	ND	0.5	0.19	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1,2-Trichloroethane	ND	0.5	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Trichloroethylene	ND	0.5	0.15	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Trichlorofluoromethane	ND	1	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Vinyl Acetate	ND	10	5.9	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Vinyl Chloride	ND	0.5	0.13	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Xylenes m,p	ND	1	0.41	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Xylenes o	ND	0.5	0.12	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Xylenes	ND	1		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl

DQF Flags Definition:

- h The MS/MSD did not meet QC criteria.
- l The MS/MSD did not meet QC criteria.
- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.
- U Constituent results were non-detect.

ND=Non-Detected, RL=Reporting Level ‡ Surrogate.

February 6, 2025
Chiquita Canyon Landfill

Lab No. : SP 2501350
Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,1,1-Trichloroethane(TCA)	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	106%	70-130	
			MS	ug/L	10.00	109%	52-162	
			MSD	ug/L	10.00	105%	52-162	
			MSRPD	ug/L		2.9%	≤36	
1,1,2,2-Tetrachloroethane	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	97.9%	60-140	
			MS	ug/L	10.00	93.7%	46-157	
			MSD	ug/L	10.00	97.6%	46-157	
			MSRPD	ug/L		4.1%	≤61	
1,1,2-Trichloroethane	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	107%	70-130	
			MS	ug/L	10.00	95.1%	52-150	
			MSD	ug/L	10.00	110%	52-150	
			MSRPD	ug/L		14.6%	≤45	
1,1-Dichloroethane	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	92.6%	70-130	
			MS	ug/L	10.00	117%	59-155	
			MSD	ug/L	10.00	37.7%	59-155	435
			MSRPD	ug/L		102.6%	≤40	435
1,1-Dichloroethylene	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	130%	50-150	
			MS	ug/L	10.00	140%	5-234	
			MSD	ug/L	10.00	116%	5-234	
			MSRPD	ug/L		18.8%	≤32	
1,2-Dichlorobenzene	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	80.2%	65-135	
			MS	ug/L	10.00	64.3%	18-190	
			MSD	ug/L	10.00	86.5%	18-190	
			MSRPD	ug/L		29.5%	≤57	
1,2-Dichloroethane (EDC)	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	96.3%	70-130	
			MS	ug/L	10.00	93.0%	49-155	
			MSD	ug/L	10.00	114%	49-155	
			MSRPD	ug/L		20.0%	≤49	
1,2-Dichloropropane	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	116%	35-165	
			MS	ug/L	10.00	111%	5-210	
			MSD	ug/L	10.00	117%	5-210	
			MSRPD	ug/L		6.0%	≤55	
1,3-Dichlorobenzene	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	95.7%	70-130	
			MS	ug/L	10.00	73.0%	59-156	
			MSD	ug/L	10.00	79.9%	59-156	
			MSRPD	ug/L		9.0%	≤43	
1,4-Dichlorobenzene	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
			LCS	ug/L	10.00	89.5%	65-135	
			MS	ug/L	10.00	76.1%	18-190	
		(SP 2501685-001)	MSD	ug/L	10.00	79.5%	18-190	
			MSRPD	ug/L		4.4%	≤57	
2-Butanone (MEK)	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<40	
			LCS	ug/L	100.0	86.0%	52-147	
			MS	ug/L	100.0	92.1%	8-193	
		(SP 2501685-001)	MSD	ug/L	100.0	116%	8-193	
			MSRPD	ug/L		22.7%	≤26	
2-Chloroethylvinyl ether	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	100.0	87.9%	1-225	
			MS	ug/L	100.0	68.4%	1-305	
		(SP 2501685-001)	MSD	ug/L	100.0	59.4%	1-305	
			MSRPD	ug/L		14.0%	≤71	
2-Hexanone	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	94.2%	28-254	
			MS	ug/L	100.0	85.7%	0-348	
		(SP 2501685-001)	MSD	ug/L	100.0	109%	0-348	
			MSRPD	ug/L		23.9%	≤29	
4-Bromofluorobenzene (BFB)	624.1	02/04/2025:201276SBL	Blank	ug/L	10.00	102%	64-135	
			LCS	ug/L	10.00	110%	64-135	
			MS	ug/L	10.00	118%	86-116	435
		(SP 2501685-001)	MSD	ug/L	10.00	85.4%	86-116	435
			MSRPD	ug/L		31.7%	≤12	435
4-Methyl-2-pentanone (MIBK)	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	89.3%	30-235	
			MS	ug/L	100.0	116%	0-316	
		(SP 2501685-001)	MSD	ug/L	100.0	104%	0-316	
			MSRPD	ug/L		10.6%	≤24	
Acetone	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<25	
			LCS	ug/L	100.0	82.7%	51-122	
			MS	ug/L	100.0	77.4%	4-162	
		(SP 2501685-001)	MSD	ug/L	100.0	37.2%	4-162	
			MSRPD	ug/L		70.2%	≤41	435
Acrolein	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<5	
			LCS	ug/L	400.0	124%	60-140	
			MS	ug/L	200.0	73.1%	40-160	
		(SP 2501685-001)	MSD	ug/L	200.0	92.6%	40-160	
			MSRPD	ug/L		23.5%	≤60	
Acrylonitrile	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	400.0	111%	60-140	
			MS	ug/L	200.0	71.0%	40-160	
		(SP 2501685-001)	MSD	ug/L	200.0	37.6%	40-160	435
			MSRPD	ug/L		61.6%	≤60	435
Benzene	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	97.2%	65-135	
			MS	ug/L	10.00	97.8%	37-151	
		(SP 2501685-001)	MSD	ug/L	10.00	96.9%	37-151	
			MSRPD	ug/L		1.0%	≤61	
Bromodichloromethane	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	115%	65-135	

February 6, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501350

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bromoform	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	106%	35-155	
			MSD	ug/L	10.00	117%	35-155	
			MSRPD	ug/L		7.5%	≤56	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	100%	70-130	
Bromomethane (Methyl Bromide)	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	65.8%	45-169	
			MSD	ug/L	10.00	79.8%	45-169	
			MSRPD	ug/L		8.9%	≤52	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	133%	15-185	
Carbon Disulfide	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	144%	5-242	
			MSD	ug/L	10.00	116%	5-242	
			MSRPD	ug/L		21.9%	≤61	
			Blank	ug/L		ND	<10	
			LCS	ug/L	100.0	86.2%	18-120	
Carbon Tetrachloride	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	100.0	42.4%	10-135	
			MSD	ug/L	100.0	41.4%	10-135	
			MSRPD	ug/L		2.3%	≤38	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	109%	70-130	
Chlorobenzene	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	122%	70-140	
			MSD	ug/L	10.00	111%	70-140	
			MSRPD	ug/L		9.6%	≤41	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	125%	65-135	
Chloroethane (Ethyl Chloride)	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	116%	37-160	
			MSD	ug/L	10.00	109%	37-160	
			MSRPD	ug/L		6.0%	≤53	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	151%	40-160	
Chloroform	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	136%	14-230	
			MSD	ug/L	10.00	96.5%	14-230	
			MSRPD	ug/L		34.0%	≤78	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	106%	70-135	
Chloromethane(Methyl Chloride)	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	104%	5-273	
			MSD	ug/L	10.00	107%	5-273	
			MSRPD	ug/L		2.5%	≤54	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	96.5%	5-205	
cis-1,3-Dichloropropene	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	95.5%	5-273	
			MSD	ug/L	10.00	75.2%	5-273	
			MSRPD	ug/L		23.7%	≤60	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	25-175	
Dibromochloromethane	624.1	02/04/2025:201276SBL (SP 2501685-001)	MS	ug/L	10.00	127%	5-227	
			MSD	ug/L	10.00	119%	5-227	
			MSRPD	ug/L		6.1%	≤58	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	128%	70-135	
			MS	ug/L	10.00	102%	53-149	

February 6, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501350

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethylbenzene	624.1	(SP 2501685-001)	MSD	ug/L	10.00	81.8%	53-149	
			MSRPD	ug/L		9.8%	≤50	
		02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	111%	60-140	
			MS	ug/L	10.00	85.3%	37-162	
		(SP 2501685-001)	MSD	ug/L	10.00	100%	37-162	
Fluorobenzene	624.1		MSRPD	ug/L		15.9%	≤63	
		02/04/2025:201276SBL	Blank	ug/L	10.00	101%	56-154	
			LCS	ug/L	10.00	107%	56-154	
			MS	ug/L	10.00	115%	83-119	
		(SP 2501685-001)	MSD	ug/L	10.00	118%	83-119	
			MSRPD	ug/L		2.6%	≤15	
Methyl tert-Butyl Ether (MTBE)	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<5	
			LCS	ug/L	10.00	89.2%	89-136	
			MS	ug/L	10.00	93.3%	45-174	
		(SP 2501685-001)	MSD	ug/L	10.00	52.8%	45-174	
			MSRPD	ug/L		55.4%	≤2	435
Methylene Chloride	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	128%	60-140	
			MS	ug/L	10.00	51.7%	5-221	
		(SP 2501685-001)	MSD	ug/L	10.00	54.7%	5-221	
			MSRPD	ug/L		5.2%	≤28	
Pentafluorobenzene	624.1	02/04/2025:201276SBL	Blank	ug/L	10.00	91.6%	54-168	
			LCS	ug/L	10.00	104%	54-168	
			MS	ug/L	10.00	97.3%	79-136	
		(SP 2501685-001)	MSD	ug/L	10.00	99.9%	79-136	
			MSRPD	ug/L		2.7%	≤3	
Styrene	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	110%	74-122	
			MS	ug/L	10.00	97.1%	0-186	
		(SP 2501685-001)	MSD	ug/L	10.00	90.8%	0-186	
			MSRPD	ug/L		6.6%	≤20	
Tetrachloroethylene (PCE)	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	117%	70-130	
			MS	ug/L	10.00	119%	64-148	
		(SP 2501685-001)	MSD	ug/L	10.00	115%	64-148	
			MSRPD	ug/L		3.8%	≤39	
Toluene	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	70-130	
			MS	ug/L	10.00	141%	47-150	
		(SP 2501685-001)	MSD	ug/L	10.00	109%	47-150	
			MSRPD	ug/L		25.4%	≤41	
trans-1,2-Dichloroethylene	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	110%	70-130	
			MS	ug/L	10.00	121%	54-156	
		(SP 2501685-001)	MSD	ug/L	10.00	72.3%	54-156	
			MSRPD	ug/L		50.3%	≤45	435
trans-1,3-Dichloropropene	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	50-150	
			MS	ug/L	10.00	122%	17-183	
		(SP 2501685-001)	MSD	ug/L	10.00	108%	17-183	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Trichloroethylene (TCE)	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		11.9%	≤86	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	104%	65-135	
			MS	ug/L	10.00	117%	70-157	
			MSD	ug/L	10.00	121%	70-157	
Trichlorofluoromethane F-11	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		3.2%	≤48	
			Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	121%	50-150	
			MS	ug/L	10.00	144%	17-181	
			MSD	ug/L	10.00	108%	17-181	
Vinyl Acetate	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		28.0%	≤84	
			Blank	ug/L		ND	<10	
			LCS	ug/L	100.0	85.2%	52-178	
			MS	ug/L	100.0	89.3%	0-243	
			MSD	ug/L	100.0	39.3%	0-243	
Vinyl Chloride	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		77.8%	≤116	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	105%	5-195	
			MS	ug/L	10.00	112%	5-251	
			MSD	ug/L	10.00	117%	5-251	
Xylenes m,p	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		4.4%	≤66	
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	112%	72-120	
			MS	ug/L	20.00	83.3%	35-157	
			MSD	ug/L	20.00	99.7%	35-157	
Xylenes o	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		17.9%	≤16	435
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	113%	72-119	
			MS	ug/L	10.00	99.1%	52-143	
			MSD	ug/L	10.00	93.1%	52-143	
			MSRPD	ug/L		6.2%	≤24	

Definition

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
-----	--

Office & Laboratory
9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559) 734-9473
FAX: (559) 734-9475

**Subcontract to
Zalco Laboratories, Inc.**

**CHAIN OF CUSTODY
AND ANALYSES REQUEST FORM**

Page 1 of 1

Chain of Custody Information				Sample Information				Test Description(s)											
Lab Number:				Method of Sampling: Composite (C) Grab(G)	Type of Sample	Potable(P) Non-Potable(NP) Ag Waiver (AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Sub Organic-EPA 8260 - Appendix II	***Report only the compounds on the 40CFR258 Appx II list***	***Requires MDL Reporting*** 40ml(AGT)								
Client: Fruit Growers Laboratory																			
Address: 853 Corporation St. Santa Paula, CA 93060-3005																			
Phone: Fax:																			
Contact: Project: SP 2501350																			
Purchase Order:																			
Sampler(s): Blanca H/Isaac H																			
Compositor Setup Date: Time:																			
Samp Num	Location Description	Date Sampled	Time Sampled																
1	South Sedimentaion Basin - Sta	01/28/2025	12:15	G	STM					4									
Remarks Sample 1: MDL Reporting				Relinquished Date Time				Relinquished Date Time				Relinquished Date Time							
Received By: Date Time				Received By: Date Time				Received By: Date Time				Received By: Date Time							

Condition Upon Receipt (Attach to COC) SP 2501350

Sample Receipt at SP:

1. Number of ice chests/packages received: OTC
2. Shipper tracking number(s) _____
3. Temp IR Gun ID#: TH261
4. Were samples received on Ice? ☒ Yes ☐ No Temps: ROI / 16C / _____ / _____ / _____ / _____
5. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
6. Do the number of bottles received agree with the COC? ☒ Yes ☐ No **N/A**
7. Verify sample date, time, sampler ☒ Yes ☐ No
8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ☒ Yes ☐ No
2. Did bottle labels correspond with the client's ID's? ☒ Yes ☐ No
3. Were all bottles requiring sample preservation properly preserved? ☒ Yes ☐ No **N/A** **FGL**
[Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? ☒ Yes ☐ No **N/A**
5. Were all analyses within holding times at time of receipt? ☒ Yes ☐ No
6. Have rush or project due dates been checked and accepted? ☒ Yes ☐ No **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: _____

Reviewed and
Approved By

Matthew Casas



Digitally signed by Matthew Casas
Title: Sample Receiving
Date: 01/28/2025-17:19:32

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____

Resolution: _____

2. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____

Resolution: _____

(2028560)
Chiquita Canyon Landfill
SP 2501350
MDC-01/28/2025-17:19:32

February 6, 2025

Lab No. : SP 2501350**Customer No. : 2028560**

Chiquita Canyon, LLC
 Chiquita Canyon Landfill
 29201 Henry Mayo Dr.
 Castaic, CA 91384

Laboratory Report

Introduction: This report package contains a total of 8 pages divided into 3 sections:

Case Narrative	(1 page)	: An overview of the work performed at FGL.
Sample Results	(2 pages)	: Results for each sample submitted.
Quality Control	(5 pages)	: Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

Sample Description	Date Sampled	Date Received	FGL Lab No.	Matrix
South Sedimentaion Basin - Sta	01/28/2025	01/28/2025	SP 2501350-001	STM

Sampling and Receipt Information:

The Sample was received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. The Sample was received, prepared and analyzed within the method specified holding times. All samples arrived on ice. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the associated Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to established quality control criteria. Any exceptions are noted in the Quality Control Section of this report.

Test Summary

EPA 624.1	Preparation and analysis performed by FGL-Santa Paula (FGL-SP ELAP# 1573)
-----------	---

Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above and in the QC Section. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature. This report shall not be reproduced except in full, without the written approval of the laboratory.

KD: RDM

Approved By **Kelly A. Dunnahoo, B.S.**

 Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2025-02-06

February 6, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Description : South Sedimentaion Basin - Sta
Project : Water Quality

Lab No. : SP 2501350-001
Customer No. : 2028560

Sampled On : January 28, 2025 at 12:15
Sampled By : Blanca H/Isaac H
Received On : January 28, 2025 at 13:16
Matrix : Stormwater

Sample Results - Organic

Constituent	Result	RL	MDL	Units	Dil.	DQF	Sample Preparation			Sample Analysis			
EPA 624.1							Date	Time	Who	Method	Date	Time	Who
4-Bromofluorobenzene ‡	94.0	64-135		%	1	hl	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Fluorobenzene ‡	106	56-154		%	1		02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Pentafluorobenzene ‡	98.2	54-168		%	1		02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Acetone	14.1	25	3.6	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Acrolein	ND	5	2.5	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:39	sbl
Acrylonitrile	ND	2	0.70	ug/L	1	Ul	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:39	sbl
Benzene	ND	0.5	0.30	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Bromodichloromethane	ND	0.5	0.28	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Bromoform	ND	0.5	0.35	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Bromomethane	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Chloromethane	ND	0.5	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Halomethanes, sum	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
2-Butanone (MEK)	9.89	40	2.4	ug/L	1	J	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Carbon Disulfide	ND	10	1.1	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Carbon Tetrachloride	ND	0.5	0.24	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Chlorobenzene	ND	0.5	0.14	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Chloroethane	ND	0.5	0.20	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
2-Chloroethylvinyl ether	ND	1	0.29	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:39	sbl
Chloroform	ND	0.5	0.19	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Dibromochloromethane	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,2-Dichlorobenzene	ND	0.5	0.10	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,3-Dichlorobenzene	ND	0.5	0.10	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Dichlorobenzenes, sum	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,4-Dichlorobenzene	ND	0.5	0.12	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1-Dichloroethane	ND	0.5	0.20	ug/L	1	Ul	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,2-Dichloroethane	ND	0.5	0.16	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1-Dichloroethylene	ND	0.5	0.40	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
trans-1,2-Dichloroethylene	ND	0.5	0.20	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,2-Dichloropropane	ND	0.5	0.40	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
cis-1,3-Dichloropropene	ND	0.5	0.17	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
trans-1,3-Dichloropropene	ND	0.5	0.43	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,3-Dichloropropene (Total)	ND	0.5		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Ethyl Benzene	ND	0.5	0.17	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
2-Hexanone	ND	30	4.9	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl

4-Methyl-2-pentanone (MIBK)	ND	30	1.3	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Methylene Chloride	ND	0.5	0.16	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Methyl tert-Butyl Ether (MTBE)	ND	5	0.32	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Styrene	ND	0.5	0.18	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1,2,2-Tetrachloroethane	ND	0.5	0.25	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Tetrachloroethylene	ND	0.5	0.45	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Toluene	ND	0.5	0.41	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1,1-Trichloroethane	ND	0.5	0.19	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
1,1,2-Trichloroethane	ND	0.5	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Trichloroethylene	ND	0.5	0.15	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Trichlorofluoromethane	ND	1	0.26	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Vinyl Acetate	ND	10	5.9	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Vinyl Chloride	ND	0.5	0.13	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Xylenes m,p	ND	1	0.41	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Xylenes o	ND	0.5	0.12	ug/L	1	U	02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl
Xylenes	ND	1		ug/L			02/04/2025	17:45	sbl	EPA 624.1	02/05/2025	00:11	sbl

DQF Flags Definition:

- h The MS/MSD did not meet QC criteria.
- l The MS/MSD did not meet QC criteria.
- J Reported value is estimated; detected at a concentration below the RL and above the laboratory MDL.
- U Constituent results were non-detect.

ND=Non-Detected, RL=Reporting Level ‡ Surrogate.

February 6, 2025
Chiquita Canyon Landfill

Lab No. : SP 2501350
 Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Organic								
1,1,1-Trichloroethane(TCA)	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	106%	70-130	
			MS	ug/L	10.00	109%	52-162	
			MSD	ug/L	10.00	105%	52-162	
			MSRPD	ug/L		2.9%	≤36	
1,1,2,2-Tetrachloroethane	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	97.9%	60-140	
			MS	ug/L	10.00	93.7%	46-157	
			MSD	ug/L	10.00	97.6%	46-157	
			MSRPD	ug/L		4.1%	≤61	
1,1,2-Trichloroethane	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	107%	70-130	
			MS	ug/L	10.00	95.1%	52-150	
			MSD	ug/L	10.00	110%	52-150	
			MSRPD	ug/L		14.6%	≤45	
1,1-Dichloroethane	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	92.6%	70-130	
			MS	ug/L	10.00	117%	59-155	
			MSD	ug/L	10.00	37.7%	59-155	435
			MSRPD	ug/L		102.6%	≤40	435
1,1-Dichloroethylene	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	130%	50-150	
			MS	ug/L	10.00	140%	5-234	
			MSD	ug/L	10.00	116%	5-234	
			MSRPD	ug/L		18.8%	≤32	
1,2-Dichlorobenzene	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	80.2%	65-135	
			MS	ug/L	10.00	64.3%	18-190	
			MSD	ug/L	10.00	86.5%	18-190	
			MSRPD	ug/L		29.5%	≤57	
1,2-Dichloroethane (EDC)	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	96.3%	70-130	
			MS	ug/L	10.00	93.0%	49-155	
			MSD	ug/L	10.00	114%	49-155	
			MSRPD	ug/L		20.0%	≤49	
1,2-Dichloropropane	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	116%	35-165	
			MS	ug/L	10.00	111%	5-210	
			MSD	ug/L	10.00	117%	5-210	
			MSRPD	ug/L		6.0%	≤55	
1,3-Dichlorobenzene	624.1	02/04/2025:201276SBL (SP 2501685-001)	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	95.7%	70-130	
			MS	ug/L	10.00	73.0%	59-156	
			MSD	ug/L	10.00	79.9%	59-156	
			MSRPD	ug/L		9.0%	≤43	
1,4-Dichlorobenzene	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
			LCS	ug/L	10.00	89.5%	65-135	
			MS	ug/L	10.00	76.1%	18-190	
		(SP 2501685-001)	MSD	ug/L	10.00	79.5%	18-190	
			MSRPD	ug/L		4.4%	≤57	
2-Butanone (MEK)	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<40	
			LCS	ug/L	100.0	86.0%	52-147	
			MS	ug/L	100.0	92.1%	8-193	
		(SP 2501685-001)	MSD	ug/L	100.0	116%	8-193	
			MSRPD	ug/L		22.7%	≤26	
2-Chloroethylvinyl ether	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<1	
			LCS	ug/L	100.0	87.9%	1-225	
			MS	ug/L	100.0	68.4%	1-305	
		(SP 2501685-001)	MSD	ug/L	100.0	59.4%	1-305	
			MSRPD	ug/L		14.0%	≤71	
2-Hexanone	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	94.2%	28-254	
			MS	ug/L	100.0	85.7%	0-348	
		(SP 2501685-001)	MSD	ug/L	100.0	109%	0-348	
			MSRPD	ug/L		23.9%	≤29	
4-Bromofluorobenzene (BFB)	624.1	02/04/2025:201276SBL	Blank	ug/L	10.00	102%	64-135	
			LCS	ug/L	10.00	110%	64-135	
			MS	ug/L	10.00	118%	86-116	435
		(SP 2501685-001)	MSD	ug/L	10.00	85.4%	86-116	435
			MSRPD	ug/L		31.7%	≤12	435
4-Methyl-2-pentanone (MIBK)	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<30	
			LCS	ug/L	100.0	89.3%	30-235	
			MS	ug/L	100.0	116%	0-316	
		(SP 2501685-001)	MSD	ug/L	100.0	104%	0-316	
			MSRPD	ug/L		10.6%	≤24	
Acetone	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<25	
			LCS	ug/L	100.0	82.7%	51-122	
			MS	ug/L	100.0	77.4%	4-162	
		(SP 2501685-001)	MSD	ug/L	100.0	37.2%	4-162	
			MSRPD	ug/L		70.2%	≤41	435
Acrolein	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<5	
			LCS	ug/L	400.0	124%	60-140	
			MS	ug/L	200.0	73.1%	40-160	
		(SP 2501685-001)	MSD	ug/L	200.0	92.6%	40-160	
			MSRPD	ug/L		23.5%	≤60	
Acrylonitrile	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<2	
			LCS	ug/L	400.0	111%	60-140	
			MS	ug/L	200.0	71.0%	40-160	
		(SP 2501685-001)	MSD	ug/L	200.0	37.6%	40-160	435
			MSRPD	ug/L		61.6%	≤60	435
Benzene	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	97.2%	65-135	
			MS	ug/L	10.00	97.8%	37-151	
		(SP 2501685-001)	MSD	ug/L	10.00	96.9%	37-151	
			MSRPD	ug/L		1.0%	≤61	
Bromodichloromethane	624.1	02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	115%	65-135	

February 6, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501350

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Bromoform	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	106%	35-155	
			MSD	ug/L	10.00	117%	35-155	
			MSRPD	ug/L		7.5%	≤56	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	100%	70-130	
Bromomethane (Methyl Bromide)	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	65.8%	45-169	
			MSD	ug/L	10.00	79.8%	45-169	
			MSRPD	ug/L		8.9%	≤52	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	133%	15-185	
Carbon Disulfide	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	144%	5-242	
			MSD	ug/L	10.00	116%	5-242	
			MSRPD	ug/L		21.9%	≤61	
			Blank	ug/L		ND	<10	
			LCS	ug/L	100.0	86.2%	18-120	
Carbon Tetrachloride	624.1	02/04/2025:201276SBL	MS	ug/L	100.0	42.4%	10-135	
			MSD	ug/L	100.0	41.4%	10-135	
			MSRPD	ug/L		2.3%	≤38	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	109%	70-130	
Chlorobenzene	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	122%	70-140	
			MSD	ug/L	10.00	111%	70-140	
			MSRPD	ug/L		9.6%	≤41	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	125%	65-135	
Chloroethane (Ethyl Chloride)	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	116%	37-160	
			MSD	ug/L	10.00	109%	37-160	
			MSRPD	ug/L		6.0%	≤53	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	151%	40-160	
Chloroform	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	136%	14-230	
			MSD	ug/L	10.00	96.5%	14-230	
			MSRPD	ug/L		34.0%	≤78	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	106%	70-135	
Chloromethane(Methyl Chloride)	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	104%	5-273	
			MSD	ug/L	10.00	107%	5-273	
			MSRPD	ug/L		2.5%	≤54	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	96.5%	5-205	
cis-1,3-Dichloropropene	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	95.5%	5-273	
			MSD	ug/L	10.00	75.2%	5-273	
			MSRPD	ug/L		23.7%	≤60	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	25-175	
Dibromochloromethane	624.1	02/04/2025:201276SBL	MS	ug/L	10.00	127%	5-227	
			MSD	ug/L	10.00	119%	5-227	
			MSRPD	ug/L		6.1%	≤58	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	128%	70-135	
			MS	ug/L	10.00	102%	53-149	

February 6, 2025

Chiquita Canyon Landfill

Lab No. : SP 2501350

Customer No. : 2028560

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Ethylbenzene	624.1	(SP 2501685-001)	MSD	ug/L	10.00	81.8%	53-149	
			MSRPD	ug/L		9.8%	≤50	
		02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	111%	60-140	
			MS	ug/L	10.00	85.3%	37-162	
			(SP 2501685-001) MSD	ug/L	10.00	100%	37-162	
Fluorobenzene	624.1	(SP 2501685-001)	MSRPD	ug/L		15.9%	≤63	
			Blank	ug/L	10.00	101%	56-154	
		02/04/2025:201276SBL	LCS	ug/L	10.00	107%	56-154	
			MS	ug/L	10.00	115%	83-119	
			(SP 2501685-001) MSD	ug/L	10.00	118%	83-119	
			MSRPD	ug/L		2.6%	≤15	
Methyl tert-Butyl Ether (MTBE)	624.1	(SP 2501685-001)	Blank	ug/L		ND	<5	435
			LCS	ug/L	10.00	89.2%	89-136	
		02/04/2025:201276SBL	MS	ug/L	10.00	93.3%	45-174	
			(SP 2501685-001) MSD	ug/L	10.00	52.8%	45-174	
			MSRPD	ug/L		55.4%	≤2	
			Blank	ug/L		ND	<0.5	
Methylene Chloride	624.1	(SP 2501685-001)	LCS	ug/L	10.00	128%	60-140	
			MS	ug/L	10.00	51.7%	5-221	
		02/04/2025:201276SBL	(SP 2501685-001) MSD	ug/L	10.00	54.7%	5-221	
			MSRPD	ug/L		5.2%	≤28	
			Blank	ug/L	10.00	91.6%	54-168	
			LCS	ug/L	10.00	104%	54-168	
Pentafluorobenzene	624.1	(SP 2501685-001)	MS	ug/L	10.00	97.3%	79-136	
			(SP 2501685-001) MSD	ug/L	10.00	99.9%	79-136	
		02/04/2025:201276SBL	MSRPD	ug/L		2.7%	≤3	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	110%	74-122	
			MS	ug/L	10.00	97.1%	0-186	
Styrene	624.1	(SP 2501685-001)	(SP 2501685-001) MSD	ug/L	10.00	90.8%	0-186	
			MSRPD	ug/L		6.6%	≤20	
		02/04/2025:201276SBL	Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	117%	70-130	
			MS	ug/L	10.00	119%	64-148	
			(SP 2501685-001) MSD	ug/L	10.00	115%	64-148	
Tetrachloroethylene (PCE)	624.1	(SP 2501685-001)	MSRPD	ug/L		3.8%	≤39	
			Blank	ug/L		ND	<0.5	
		02/04/2025:201276SBL	LCS	ug/L	10.00	114%	70-130	
			MS	ug/L	10.00	141%	47-150	
			(SP 2501685-001) MSD	ug/L	10.00	109%	47-150	
			MSRPD	ug/L		25.4%	≤41	
trans-1,2-Dichloroethylene	624.1	(SP 2501685-001)	Blank	ug/L		ND	<0.5	435
			LCS	ug/L	10.00	110%	70-130	
		02/04/2025:201276SBL	MS	ug/L	10.00	121%	54-156	
			(SP 2501685-001) MSD	ug/L	10.00	72.3%	54-156	
			MSRPD	ug/L		50.3%	≤45	
			Blank	ug/L		ND	<0.5	
trans-1,3-Dichloropropene	624.1	(SP 2501685-001)	LCS	ug/L	10.00	114%	50-150	
			MS	ug/L	10.00	122%	17-183	
		02/04/2025:201276SBL	(SP 2501685-001) MSD	ug/L	10.00	108%	17-183	
			MSRPD	ug/L				
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	114%	50-150	

Quality Control - Organic

Constituent	Method	Date/ID	Type	Units	Conc.	QC Data	DQO	Note
Trichloroethylene (TCE)	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		11.9%	≤86	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	104%	65-135	
			MS	ug/L	10.00	117%	70-157	
			MSD	ug/L	10.00	121%	70-157	
Trichlorofluoromethane F-11	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		3.2%	≤48	
			Blank	ug/L		ND	<1	
			LCS	ug/L	10.00	121%	50-150	
			MS	ug/L	10.00	144%	17-181	
			MSD	ug/L	10.00	108%	17-181	
Vinyl Acetate	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		28.0%	≤84	
			Blank	ug/L		ND	<10	
			LCS	ug/L	100.0	85.2%	52-178	
			MS	ug/L	100.0	89.3%	0-243	
			MSD	ug/L	100.0	39.3%	0-243	
Vinyl Chloride	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		77.8%	≤116	
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	105%	5-195	
			MS	ug/L	10.00	112%	5-251	
			MSD	ug/L	10.00	117%	5-251	
Xylenes m,p	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		4.4%	≤66	
			Blank	ug/L		ND	<1	
			LCS	ug/L	20.00	112%	72-120	
			MS	ug/L	20.00	83.3%	35-157	
			MSD	ug/L	20.00	99.7%	35-157	
Xylenes o	624.1	02/04/2025:201276SBL (SP 2501685-001)	MSRPD	ug/L		17.9%	≤16	435
			Blank	ug/L		ND	<0.5	
			LCS	ug/L	10.00	113%	72-119	
			MS	ug/L	10.00	99.1%	52-143	
			MSD	ug/L	10.00	93.1%	52-143	
			MSRPD	ug/L		6.2%	≤24	

Definition

Blank	: Method Blank - Prepared to verify that the preparation process is not contributing contamination to the samples.
DQO	: Data Quality Objective - This is the criteria against which the quality control data is compared.
LCS	: Laboratory Control Standard/Sample - Prepared to verify that the preparation process is not affecting analyte recovery.
MS	: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSD	: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
MSRPD	: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
ND	: Non-detect - Result was below the DQO listed for the analyte.

Explanation

435	: Sample matrix may be affecting this analyte. Data was accepted based on the LCS or CCV recovery.
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February 20, 2025

Chiquita Canyon, LLC
Chiquita Canyon Landfill
29201 Henry Mayo Dr.
Castaic, CA 91384

Subject: Subcontract Analysis for FGL Lab No. SP 2501350

Enclosed please find results for the following sample(s) which were received by FGL.

- Sub Organic-EPA 8260

Please note that this analysis was performed by Zalco Laboratories, Inc.

Thank you for using FGL Environmental.

Sincerely,

Stephanie Herron  Digitally signed by Stephanie Herron
Title: Customer Service Rep
Date: 2025-02-20

Enclosure



Zalco
Laboratories, Inc.

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

February 20, 2025

Cindy Aguirre

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060
RE: Master

Zalco Work Order: 2501611

Zalco Project:

Enclosed are the results of analyses for samples received by our laboratory on 1/30/2025. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Andrea Magana'. The signature is fluid and cursive, with the first name 'Andrea' and last name 'Magana' clearly distinguishable.

Andrea Magana For Juan Magana
Laboratory Technical Manager

**Subcontract to
Zalco Laboratories, Inc.**

2501611

CHAIN OF CUSTODY
AND ANALYSES REQUEST FORM

Page 1 of 1

Page 2 of 9

Chain of Custody Information				Sample Information				Test Description(s)											
Lab Number: Client: Fruit Growers Laboratory Address: 853 Corporation St. Santa Paula, CA 93060-3005 Phone: Fax: Contact: Project: SP 2501350 Purchase Order: Sampler(s): Blanca H/Isaac H Compositor Setup Date: Time:				Method of Sampling: Composite (C) Grab(G) Type of Sample Potable(P) Non-Potable(NP) Ag Waiver (AgW) Bacti Type: Other(O) System(SYS) Source(SR) Waste(W) Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL) Sub Organic-EPA 8260 - Appendix II	***Report only the compounds on the 40CFR258 Appx II list*** ***Requires MDL Reporting*** 40ml(AGT)														
Samp Num	Location Description	Date Sampled	Time Sampled																
1	South Sedimentaion Basin - Sta	01/28/2025	12:15			G	STM												
Remarks Sample 1: MDL Reporting 5.96 (R.T.)				Relinquished Date Time CM 1/29/25 17:00		Relinquished Date Time Received By: ↓ Date Time AMC 1/30/25 12:00		Relinquished Date Time Received By: Date Time		Relinquished Date Time Received By: Date Time		Relinquished Date Time Received By: Date Time		Relinquished Date Time Received By: Date Time					



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Work Order Case Narrative

Sample results evaluated to the MDL



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Sample Results

Sample Name: South Sedimentation Basin- Sta

Sampled Date - Time: 1/28/2025 12:15:00PM

Matrix: Water

Lab ID: 2501611-01

Sample Type: Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS

Acetone	ND	50	48	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acrolein	ND	20	4.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acrylonitrile	ND	20	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Benzene	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromochloromethane	ND	5.0	0.93	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromodichloromethane	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromoform	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Bromomethane	ND	5.0	2.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Butanone	ND	50	22	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Carbon disulfide	ND	5.0	2.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Carbon tetrachloride	ND	5.0	1.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chlorobenzene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroethane	ND	5.0	3.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroform	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloromethane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dibromoethane (EDB)	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dibromomethane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichlorobenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3-Dichlorobenzene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,4-Dichlorobenzene	ND	5.0	2.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dichlorodifluoromethane	ND	5.0	0.91	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloroethane	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichloroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloroethene	ND	5.0	1.7	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
trans-1,2-Dichloroethene	ND	5.0	1.9	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2-Dichloropropane	ND	5.0	0.92	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
cis-1,3-Dichloropropene	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
trans-1,3-Dichloropropene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Ethylbenzene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Dibromochloromethane	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
cis-1,2-Dichloroethene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,3-Dichloropropane	ND	5.0	1.4	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2,2-Dichloropropane	ND	5.0	1.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1-Dichloropropene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
2-Hexanone	ND	50	32	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Iodomethane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Methylene chloride	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
4-Methyl-2-pentanone	ND	50	24	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	

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Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Sample Results

(Continued)

Sample Name: South Sedimentation Basin- Sta (Continued)

Sampled Date - Time:

1/28/2025 12:15:00PM

Matrix:

Water

Lab ID: 2501611-01

Sample Type:

Grab

Analyte	Result	Report Limit	MDL	Units	Dilution	Date Analyzed	Method	Analyst Initials	Qual
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Volatile Organic Compounds by GC/MS (Continued)

Xylenes, total	0.0			ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Naphthalene	ND	5.0	3.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Styrene	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Toluene	ND	5.0	3.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2,2-Tetrachloroethane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Tetrachloroethene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,1,2-Tetrachloroethane	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,4-Trichlorobenzene	ND	5.0	3.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,1-Trichloroethane	ND	5.0	1.0	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,1,2-Trichloroethane	ND	5.0	1.5	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Trichloroethene	ND	5.0	0.85	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Trichlorofluoromethane	ND	5.0	1.8	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
1,2,3-Trichloropropane	ND	5.0	1.6	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Vinyl acetate	ND	5.0	4.1	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Vinyl chloride	ND	5.0	1.3	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Acetonitrile	ND	5.0	0.83	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	
Chloroprene	ND	5.0	1.2	ug/L	1	1/30/25 16:33	SW846 8260B	JAM	

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Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Quality Control

Volatile Organic Compounds by GC/MS

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B

Blank (5B00177-BLK1)

Prepared & Analyzed: 1/30/2025

Acetone	ND		50	ug/L
Acrolein	ND		20	ug/L
Acrylonitrile	ND		20	ug/L
Benzene	ND		5.0	ug/L
Bromochloromethane	ND		5.0	ug/L
Bromodichloromethane	ND		5.0	ug/L
Bromoform	ND		5.0	ug/L
Bromomethane	ND		5.0	ug/L
2-Butanone	ND		50	ug/L
Tert-butyl alcohol	ND		25	ug/L
Carbon disulfide	ND		5.0	ug/L
Carbon tetrachloride	ND		5.0	ug/L
Chlorobenzene	ND		5.0	ug/L
Chloroethane	ND		5.0	ug/L
2-Chloroethylvinyl ether	ND		5.0	ug/L
Chloroform	ND		5.0	ug/L
Chloromethane	ND		5.0	ug/L
1,2-Dibromo-3-chloropropane	ND		5.0	ug/L
1,2-Dibromoethane (EDB)	ND		5.0	ug/L
Dibromomethane	ND		5.0	ug/L
1,2-Dichlorobenzene	ND		5.0	ug/L
1,3-Dichlorobenzene	ND		5.0	ug/L
1,4-Dichlorobenzene	ND		5.0	ug/L
Dichlorodifluoromethane	ND		5.0	ug/L
1,1-Dichloroethane	ND		5.0	ug/L
1,2-Dichloroethane	ND		5.0	ug/L
1,1-Dichloroethene	ND		5.0	ug/L
trans-1,2-Dichloroethene	ND		5.0	ug/L
1,2-Dichloropropane	ND		5.0	ug/L
cis-1,3-Dichloropropene	ND		5.0	ug/L
trans-1,3-Dichloropropene	ND		5.0	ug/L
Bromobenzene	ND		5.0	ug/L
n-Butylbenzene	ND		5.0	ug/L
sec-Butylbenzene	ND		5.0	ug/L
Ethyl acetate	ND		50	ug/L
tert-Butylbenzene	ND		5.0	ug/L
2-Chlorotoluene	ND		5.0	ug/L
Ethylbenzene	ND		5.0	ug/L
4-Chlorotoluene	ND		5.0	ug/L
Dibromochloromethane	ND		5.0	ug/L
cis-1,2-Dichloroethene	ND		5.0	ug/L
1,3-Dichloropropane	ND		5.0	ug/L
Hexachlorobutadiene	ND		5.0	ug/L
2,2-Dichloropropane	ND		5.0	ug/L
1,1-Dichloropropene	ND		5.0	ug/L
2-Hexanone	ND		50	ug/L
Di-isopropyl ether	ND		5.0	ug/L

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**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Quality Control
(Continued)

Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B (Continued)

Blank (5B00177-BLK1)

Prepared & Analyzed: 1/30/2025

Ethyl tert-Butyl Ether	ND		5.0	ug/L
Iodomethane	ND		5.0	ug/L
4-Isopropyltoluene	ND		5.0	ug/L
Isopropylbenzene	ND		5.0	ug/L
Methyl tert-Butyl Ether	ND		5.0	ug/L
n-Propyl Benzene	ND		5.0	ug/L
Tert-Amyl Methyl Ether	ND		5.0	ug/L
1,2,3-Trichlorobenzene	ND		5.0	ug/L
1,2,4-Trimethylbenzene	ND		5.0	ug/L
Methylene chloride	ND		5.0	ug/L
1,3,5-Trimethylbenzene	ND		5.0	ug/L
4-Methyl-2-pentanone	ND		50	ug/L
Xylenes, total	0.0			ug/L
m,p-Xylene	ND		5.0	ug/L
o-Xylene	ND		5.0	ug/L
Naphthalene	ND		5.0	ug/L
Styrene	ND		5.0	ug/L
Toluene	ND		5.0	ug/L
1,1,2,2-Tetrachloroethane	ND		5.0	ug/L
Tetrachloroethene	ND		5.0	ug/L
1,1,1,2-Tetrachloroethane	ND		5.0	ug/L
1,2,4-Trichlorobenzene	ND		5.0	ug/L
1,1,1-Trichloroethane	ND		5.0	ug/L
1,1,2-Trichloroethane	ND		5.0	ug/L
Trichloroethene	ND		5.0	ug/L
Trichlorofluoromethane	ND		5.0	ug/L
1,2,3-Trichloropropane	ND		5.0	ug/L
Vinyl acetate	ND		5.0	ug/L
Vinyl chloride	ND		5.0	ug/L
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		5.0	ug/L

Surrogate: 1,2-Dichloroethane-d4	54.9	ug/L	50.0	110	72-130
Surrogate: Toluene-d8	46.3	ug/L	50.0	92.6	92-111
Surrogate: 4-Bromofluorobenzene	52.7	ug/L	50.0	105	87-108

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**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Quality Control
(Continued)

Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: 5B00177 - EPA 5030B (Continued)

LCS (5B00177-BS1)

Prepared & Analyzed: 1/30/2025

Benzene	44		5.0	ug/L	50.0		88.2	84-158		
Chlorobenzene	40		5.0	ug/L	50.0		79.0	9.64-172		
1,1-Dichloroethene	41	JMM-05	5.0	ug/L	50.0		82.9	93-220		
Toluene	38		5.0	ug/L	50.0		76.8	66-147		
Trichloroethene	42	JMM-05	5.0	ug/L	50.0		84.6	86-146		
Surrogate: 1,2-Dichloroethane-d4			47.8	ug/L	50.0		95.6	72-130		
Surrogate: Toluene-d8			50.1	ug/L	50.0		100	92-111		
Surrogate: 4-Bromofluorobenzene			47.4	ug/L	50.0		94.9	87-108		

Matrix Spike (5B00177-MS1)

Source: 2501534-01

Prepared & Analyzed: 1/30/2025

Benzene	42		5.0	ug/L	50.0	ND	84.7	77-164		
Chlorobenzene	38		5.0	ug/L	50.0	ND	76.2	18-182		
1,1-Dichloroethene	37		5.0	ug/L	50.0	ND	73.1	73-224		
Toluene	37		5.0	ug/L	50.0	ND	73.1	64-149		
Trichloroethene	41		5.0	ug/L	50.0	ND	82.0	76-159		
Surrogate: 1,2-Dichloroethane-d4			49.9	ug/L	50.0		99.8	72-130		
Surrogate: Toluene-d8			49.7	ug/L	50.0		99.4	92-111		
Surrogate: 4-Bromofluorobenzene			48.1	ug/L	50.0		96.2	87-108		

Matrix Spike Dup (5B00177-MSD1)

Source: 2501534-01

Prepared & Analyzed: 1/30/2025

Benzene	44		5.0	ug/L	50.0	ND	88.0	77-164	3.82	20
Chlorobenzene	40		5.0	ug/L	50.0	ND	80.7	18-182	5.63	20
1,1-Dichloroethene	41		5.0	ug/L	50.0	ND	81.2	73-224	10.5	20
Toluene	39		5.0	ug/L	50.0	ND	77.2	64-149	5.40	20
Trichloroethene	43		5.0	ug/L	50.0	ND	86.2	76-159	5.04	20
Surrogate: 1,2-Dichloroethane-d4			50.3	ug/L	50.0		101	72-130		
Surrogate: Toluene-d8			49.5	ug/L	50.0		99.0	92-111		
Surrogate: 4-Bromofluorobenzene			47.8	ug/L	50.0		95.6	87-108		

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Zalco Laboratories, Inc. 4309 Armour Ave. Bakersfield CA 93308 (661) 395-0539



**Zalco
Laboratories, Inc.**

4309 Armour Ave.
Bakersfield, CA 93308
661.395.0539

Fruit Growers Laboratory, Inc.
853 Corporation Street
Santa Paula, CA 93060

Project: Master
Project Number: SP 2501350
Project Manager: Cindy Aguirre

Reported:
02/20/2025 09:58

Notes and Definitions

Item	Definition
JMM-05	Percent recoveries are out of Zalco acceptance range. However, they are within EPA limits.
Dry	Sample results reported on a dry weight basis.
ND	Analyte NOT DETECTED at or above the reporting limit.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated.

CLIENT DETAILS

SECTION I

Client: Chiquita Landfill
☐ New Customer Customer Number: _____
 Address: 29201 Henry Mayo Dr
Castaic
 Phone: 909 425-414 Fax: _____
 E-Mail: 2903
 Project name: _____
 Contact person: Blanca Hoffmeier/matt
 Billing Information (if different from above) Breuer
 Name: _____
 Address: _____
 Phone: _____ Fax: _____
 E-Mail: _____
 Contact person: _____
 Purchase order/contract/FGL quote number: _____
 Pre Log Required: yes _____ Frequency: Monthly ☐ Weekly ☐ Quarterly ☐ Other ☐

SAMPLING

SECTION II

Sampler (s): Blanca Hoffmeier
Isaac Hoffmeier
 Comp Sampler Set up Date: _____ Time: _____
 Time: _____ Mileage: _____
 Shipping Charge: _____ Pickup Charge: _____

REPORT INFORMATION SECTION III

Rush Analysis (surcharge will apply):
☐ 5 Day ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 24 hour
 Rush pre-approved by lab: _____
 Electronic Data Transfer: ☐ yes ☐ no
 If yes, To: State _____ Client _____ Other _____
 Lab number: 7501350

SAMPLE INFORMATION

SECTION IV

Sample Number	Location/Description	Date Sampled	Time Sampled
	<u>South Basin - Phase 1</u>	<u>1/28/25</u>	<u>12:15</u>

Type of Sampling: Composite (C) or Grab (G)	Number of Containers	Type of Containers: (G) Glass (P) Plastic (V) VOA (MT) Metal Tube	(P) Potable (NP) Non-Potable	(SW) Surface Water (MW) Monitoring Well (GW) Ground Water (TB) Travel Blank (AgW) Ag Water (WW) Wastewater (DW) Drinking Water	(S) Soil (SLG) Sludge (SLD) Solid (O) Oil	BacT: (Sys) System (SRC) Source (W) Waste	BacT: Routine (ROUT) Repeat (RPT) Other (OTH) Replace (RPL)	(LT) Leaf Tissue (PET) Petiole Tissue (PRD) Produce	Preservative: (1) NaOH + ZnAc, (2) NaOH, (3) HCL (4) H ₂ SO ₄ , (5) HNO ₃ , (6) Na ₂ S ₂ O ₃ , (7) Other
				<u>Storm</u>					

ANALYSES REQUESTED

6024.1
EPA 8260 - 5.6.

REMARKS

SECTION V

CUSTODY

Relinquished by and subject to the terms and conditions on the reverse of this document:

Breuer Date: 1/28/25 Time: 1316 Relinquished by: _____ Date: _____ Time: _____
me Date: 1/28/25 Time: 1316 Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____ Relinquished by: _____ Date: _____ Time: _____
 Received by: _____ Date: _____ Time: _____ Received by: _____ Date: _____ Time: _____

SECTION VI

Subcontract to Zalco Laboratories, Inc.

CHAIN OF CUSTODY AND ANALYSES REQUEST FORM

Page 1 of 1

Chain of Custody Information				Sample Information				Test Description(s)																						
Lab Number: Client: Fruit Growers Laboratory Address: 853 Corporation St. Santa Paula, CA 93060-3005 Phone: Fax: Contact: Project: SP 2501350 Purchase Order: Sampler(s): Blanca H/Isaac H Compositor Setup Date: Time:				Method of Sampling: Composite (C) Grab(G)	Type of Sample	Potable(P) Non-Potable(NP) Ag Waiver (AgW)	Bacti Type: Other(O) System(SYS) Source(SR) Waste(W)	Bacti Reason: Routine(ROUT) Repeat(RPT) Replace(RPL) Other(O) Special(SPL)	Sub Organic-EPA 8260 - Appendix II	***Report only the compounds on the 40CFR258 Appx II list***	***Requires MDL Reporting*** 40ml(AGT)																			
Samp Num	Location Description	Date Sampled	Time Sampled																											
1	South Sedimentaion Basin - Sta	01/28/2025	12:15	G	STM					4																				
Remarks Sample 1: MDL Reporting				Relinquished			Date			Time			Relinquished			Date			Time			Relinquished			Date			Time		
				Received By:			Date			Time			Received By:			Date			Time			Received By:			Date			Time		

Condition Upon Receipt (Attach to COC) SP 2501350

Sample Receipt at SP:

1. Number of ice chests/packages received: OTC
2. Shipper tracking number(s) _____
3. Temp IR Gun ID#: TH261
4. Were samples received on Ice? ☒ Yes ☐ No Temps: ROI / 16C / _____ / _____ / _____ / _____
5. Surface water (SWTR) bact samples: A sample that has a temperature upon receipt of >10C, whether iced or not, should be flagged unless the time since sample collection has been less than two hours.
6. Do the number of bottles received agree with the COC? ☒ Yes ☐ No **N/A**
7. Verify sample date, time, sampler ☒ Yes ☐ No
8. Were the samples received intact? (i.e. no broken bottles, leaks, etc.) ☒ Yes ☐ No

Sample Verification, Labeling and Distribution:

1. Were all requested analyses understood and acceptable? ☒ Yes ☐ No
2. Did bottle labels correspond with the client's ID's? ☒ Yes ☐ No
3. Were all bottles requiring sample preservation properly preserved? ☒ Yes ☐ No **N/A** **FGL**
[Exception: Oil & Grease, VOA and CrVI verified in lab]
4. VOAs checked for Headspace? ☒ Yes ☐ No **N/A**
5. Were all analyses within holding times at time of receipt? ☒ Yes ☐ No
6. Have rush or project due dates been checked and accepted? ☒ Yes ☐ No **N/A**

Include a copy of the COC for lab delivery. (Bacti. Inorganics and Radio)

Sample Receipt, Login and Verification completed by: _____

Reviewed and
Approved By

Matthew Casas



Digitally signed by Matthew Casas
Title: Sample Receiving
Date: 01/28/2025-17:19:32

Discrepancy Documentation:

Any items above which are "No" or do not meet specifications (i.e. temps) must be resolved.

1. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____

Resolution: _____

2. Person Contacted: _____ Phone Number: _____
Initiated By: _____ Date: _____
Problem: _____

Resolution: _____

(2028560)
Chiquita Canyon Landfill
SP 2501350
MDC-01/28/2025-17:19:32