



November 20, 2023

Airborne and Surface Lead Sampling

Lafayette, CO

Prepared for:

Leslie Clark 124 E. Coal Creek Drive Superior, Colorado 80027

Pinyon Project No.:

1/23-1523-01.IHS009.2



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Leslie Clark 124 E. Coal Creek Drive Superior, Colorado 80027

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1/23-1523-01.IHS009.2

Prepared by:

Aaron Caudill Regulatory Compliance Specialist

Jun M Milny

Reviewed by:

Tricia M. McCready Technical Lead – Industrial Hygiene | Health & Safety Page Intentionally Left Blank to Accommodate Double-Sided Printing



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1.0 INTRODUCTION

On October 19 and October 20, 2023, Pinyon Environmental, Inc. (Pinyon) completed air and surface sampling for lead analysis at four community locations within the Town of Lafayette (Town). The four sampling locations were chosen by the Town with respect to each location's proximity to the Rocky Mountain Metropolitan Airport (RMMA) flight patterns (Appendix A). The study included two indoor and two outdoor locations.

This study was requested due to community concerns regarding low lead fuel emissions from small engine aircraft affiliated with the RMMA, and an increase in flight activity in recent years. This report represents data for airborne lead concentrations found in the community and is a snapshot in time. This data and associated evaluation are not to be used or interpreted as a thorough study designed to target lead emissions specifically from aircraft emissions associated with RMMA flight activities, nor should the results be used to demonstrate compliance with the U.S. EPA National Ambient Air Quality Standards for lead.

According to the Griffiths¹ study that the Town shared with Pinyon, exhaust emission particle sizes from small piston aircraft have a mean diameter as small as 13 nanometers (nm) while exhaust automobile particles average 50 nm in diameter. Air sample collection near an airport, such as RMMA, at ground level would be expected to capture exhaust emission particles from both sources but would be unable to characterize between the two sources.

Table 1.0.1- Project Details

Client Name:	Leslie Clark
Proposal Date:	October 16, 2023
Sample Location(s):	 Recreation Center - Indoor Water Reclamation Plant - Outdoor Water Treatment Plant - Outdoor City Hall - Indoor

¹ https://pubmed.ncbi.nlm.nih.gov/33100835/



2.0 SURVEY METHODS

2.1 Airborne Lead Samples

Pinyon's environmental scientist collected the airborne samples utilizing Gilian BDXII Abatement Air Sampler constant flow air sampling pumps that were calibrated to 2.5 liters per min (lpm). For each pump, Tygon® tubing was connected from the pump's inlet port to a 37-millimeter (mm), 3-piece air sampling cassette affixed with a 0.8 micrometer (µm) Mixed Cellulose Ester (MCE) filter. The pump was placed on the ground or tabletop surface during sampling, while the cassette at the end of the tubing was securely clipped to a tripod that held that cassette about three feet above ground surface. The pumps ran continuously for approximately 7.5 hours on two separate days. Each morning, Pinyon placed each sampling pump and cassette in the designated locations, checked on them routinely throughout the day, and retrieved the pump and cassette in the evening. Although the pumps contained a rechargeable battery pack, the pumps were plugged into a power source during the sampling period. Each day, the four pumps were pre-calibrated and post-calibrated in the field using a TSI 4100 Series primary calibrator. Weather data was also collected and recorded during the two-day sampling event.

The airborne lead laboratory analysis was conducted using the most sensitive test for metals in air, NIOSH 7300M method performed on an Inductively Coupled Plasma Mass Spectrometer (ICP-MS). This laboratory method has a reporting limit around 0.000045 milligrams per cubic meter (mg/m³) of air. The samples and two field blanks (one for each day) were collected and submitted under Pinyon Chain of Custody protocols to LA Testing, an American Industrial Hygiene Association Laboratory Accreditation Programs, LLC - Industrial Hygiene Laboratory Accreditation Program (AIHA LAP, LLC-IHLAP) laboratory in Huntington Beach, California.

2.2 Lead Wipe Samples

Pinyon collected the surface lead wipe samples utilizing 15 centimeter x 15 centimeter (cm x cm) Ghost Wipe $^{\text{TM}}$ towelettes that were pre-wetted with deionized water from the manufacturer. A surface area of 10 cm x 10 cm was wiped, using a single use template, and the following wiping technique was used:

- Place a 10 cm x 10 cm, single use template on the surface area of choice.
- Press the wipe down firmly at an upper corner of the sample area and make an "S"-like
 motion to wipe the entire sample area, moving from side to side without crossing the outer
 border of the template.
- Fold the wipe in half, keeping the sample side in, and repeat the wiping procedure in an upside down "S" direction.



- Fold the wipe again and repeat the wiping procedure, concentrating on collecting dust from the edges and corners of the sample area.
- Fold the wipe again with the sample side folded in and place the folded wipe into a clean, plastic sample tube, labeled with a unique sample number.

The process was completed for each sample and the samples were submitted, along with one field blank, under Pinyon Chain of Custody protocols to EMSL Analytical Inc., an AIHA LAP and Environmental Lead Laboratory Accreditation Program (ELLAP) laboratory in Indianapolis, Indiana.



3.0 FINDINGS

3.1 Airborne Lead Samples

The two sampling days, which fell on a Thursday and Friday, were generally sunny with mild wind and above average temperatures for the time of year. No precipitation was recorded in the area. The weather conditions are presented in Table 3.1.1.

Table 3.1.1 - Weather Conditions

Date	Time Range	Average Temp (°F)	Average Humidity (%)	Average Wind Speed (mph)	General Wind Direction
October 10	7:55 am - 11:55 am	68.2	25.6	2.9	Southeast
October 19, 2023	11:55 am - 3:55 pm	78.8	14.0	6.1	East to Southeast
October 20,	7:55 am - 11:55 am	75.9	13.8	5.8	Southeast
2023	11:55 am - 3:55 pm	84.7	7.2	4.8	East

Notes:

Temp Temperature

°F Degrees Fahrenheit

% Percent

mph Miles per hour

A total of eight samples were collected from the same four locations each day, thus providing two separate data sets. The Clean Air Act requires the Environmental Protection Agency (EPA) to set National Ambient Air Quality Standards (NAAQS) (40 CFR Part 50) for six principal pollutants which can be harmful to public health and the environment. The level established for lead is not to exceed 0.00015 mg/m³ over a three-month period. The results for the samples during this study were below the analytical reporting limit (less than 0.000043 mg/m³ to 0.000047 mg/m³). Refer to Table 3.1.2 for the sample results and Appendix C for the Laboratory Analytical Reports and Chain of Custody.



Table 3.1.2 - Airborne Lead Sample Results

			Wilborne Lead S			12004				
Location	Sample Number	Sample Duration (min)	Flow Rate (lpm)	Volume (Liters)	Results (mg/m ³)	NAAQS for Lead (mg/m ³)				
	Thursday, October 19, 2023									
City Hall	101923-CH	445	2.55	1,158	<0.000043	0.00015				
Recreation Center	101923-RC	450	2.56	1,152	<0.000043	0.00015				
Water Reclamation Plant	101923-WR	425	2.61	1,109	<0.00045	0.00015				
Water Treatment Plant	101923-WT	425	2.54	1,079	<0.00046	0.00015				
		Frido	ıy, October 20,	2023						
City Hall	102023-CH	420	2.61	1,096	<0.000046	0.00015				
Recreation Center	102023-RC	425	2.61	1,109	<0.000045	0.00015				
Water Reclamation Plant	102023-WR	435	2.54	1,105	<0.000045	0.00015				
Water Treatment Plant	102023-WT	435	2.44	1,061	<0.00047	0.00015				

Notes:

min Minutes

lpm liters per minute

NAAQS National Ambient Air Quality Standard

mg/m³ Milligram per cubic meter of air

< Less than



3.2 Lead Wipe Samples

Lead was not detected at concentrations above the laboratory detection limit of 93 micrograms per square foot (μ g/ft²) in the four lead wipe samples submitted for analysis (Table 3.2.1).

Refer to Appendix C for the Laboratory Analytical Reports and Chain of Custody.

Table 3.2.1 - Surface Lead Wipe Sample Results

Location	Sample Number Sample Location Description		Lead Detection (Present or BDL)		
City Hall	101923-CH-W	Counter Against the Wall	BDL		
Recreation Center	101923-RC-W	101923-RC-W Wall in Lobby		D1923-RC-W Wall in Lobby BDL	
	(Outdoor Locations			
Water Reclamation Plant	102023-WR-W	Shed Window	BDL		
Water Treatment Plant	102023-WT-W	Metal Utility Box	BDL		

Notes:

BDL Below Analytical Detection Limit of 93 microgram/square foot (ug/ft²)



4.0 RECOMMENDATIONS

The results of the two sampling events indicate that airborne lead was not detected at concentrations above the laboratory reporting limits in the sample submitted for analysis. Additionally, lead was not detected in the surface wipe samples submitted for analysis above the analytical detection limit of 93 ug/ft². For a detailed study to show correlation between small piston aircraft emission activity and community airborne lead exposure, Pinyon recommends a study with air samples collected at the airport over a period of time that correlates with the NAAQS evaluation criteria, exhaust emission sampling, and several hundred more airborne samples be collected. This sampling event was designed to provide an initial screening of airborne lead particles. The recommended detail study should follow the U.S. Environmental Protection Agency (EPA) Federal Reference Method (FRM) for measuring lead (Pb) in total suspended particulate matter (TSP)¹.

¹https://www.epa.gov/sites/default/files/2016-03/documents/finalrule_lead_20130626fs.pdf



5.0 LIMITATIONS

This report was prepared by Pinyon Environmental, Inc., at the request of and for the sole benefit of the Town of Superior, or any entity controlling, controlled by, or under common control with the Town of Superior. Any use a third party makes of this report, including reuse or publication of any portion of this report or any reliance on or decisions to be made based upon the results presented, are the responsibility of such third party. Pinyon Environmental, Inc., shall not be liable for any damages arising out of such reuse or publication, and accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken based on this report.

The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed on October 19 and October 20, 2023. Changes in environmental and work conditions, such as weather, can cause changes in exposure. The information contained in this report should not be relied upon to represent conditions that existed previously or that are anticipated to occur at a future date.



Appendix A Figures





Appendix B Photographic Log



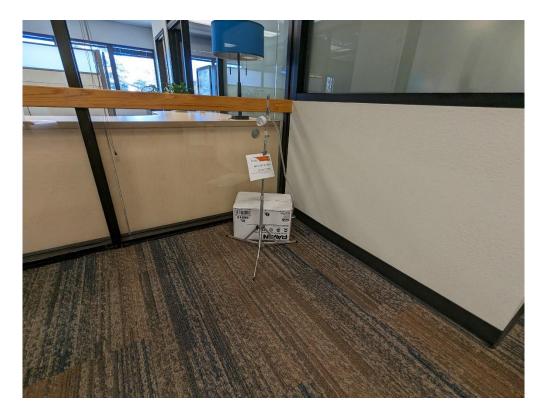


Photo I. City Hall



Photo 2. City Hall





Photo 3. Recreation Center



Photo 4. Recreation Center





Photo 5. Water Reclamation Plant



Photo 6. Water Reclamation Plant





Photo 7. Water Treatment Plant



Photo 8. Water Treatment Plant



Environmental, Inc.	
Appendix C	Laboratory Analytical Reports and Chain of Custody



3303 PARKWAY CENTER COURT, Orlando, FL 32808

(407) 599-5887 / (407) 599-9063

http://www.EMSL.com

orlandolab@emsl.com

Phone: (303) 980-5200 Fax: (303) 980-0089 Received: 10/24/2023 09:36 AM Collected: 10/20/2023

EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

342323966

PINY63

Attn: Tricia McCready **Pinyon Environmental** 3222 S. Vance Street Suite 200 Lakewood, CO 80227

Project: Lafayette Lead Sampling

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Descriptio	n Lab ID Co	ollected	Analyzed	Area Sampled	Lead Concentration
101923-CH-W	342323966-0005 10	/19/2023	10/25/2023	15.5 in²	<93 μg/ft²
	Site: City Hall				
101923-RC-W	342323966-0006 10	/19/2023	10/25/2023	15.5 in ²	<93 µg/ft²
	Site: Rec Center				
101923-WR-W	342323966-0007 10	/19/2023	10/25/2023	15.5 in²	<93 µg/ft²
	Site: Water Reclama	ation			
101923-WT-W	342323966-0008 10	/19/2023	10/25/2023	15.5 in ²	<93 µg/ft²
	Site: Water Treatme	ent			
102023-FB-W	342323966-0015 10	/20/2023	10/25/2023	N/A	<10 µg/wipe
	Site: Field Blank - W	/ipe			

Heather Ohye, Metals Manager or other approved signatory

Heather W. Ohye

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method

* Analysis following Lead in Dust by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. Ug/wipe = ug/ft2 x area sampled in ft2. Unless noted, results in this report are not blank corrected. The lab is not responsible for data reported in ug/ft2 which is dependent upon the area provided by non-lab pesonnel. "c" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. Samples analyzed by EMSL Analytical, Inc. Orlando, FL AlHA LAP, LLC-ELLAP Accredited #163563

Initial report from 10/30/2023 17:20:19



3303 PARKWAY CENTER COURT, Orlando, FL 32808

Attn: Tricia McCready

Pinyon Environmental 3222 S. Vance Street Suite 200 Lakewood, CO 80227

Phone: (303) 980-5200 Fax: (303) 980-0089

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/24/2023. The results are tabulated on the attached data pages for the following client designated project:

Lafayette Lead Sampling

The reference number for these samples is EMSL Order #342323966. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (407) 599-5887.

Approved By:

Heather Ohye, Metals Manager

10/31/2023



3303 PARKWAY CENTER COURT, Orlando, FL 32808

(407) 599-5887 / (407) 599-9063 Phone/Fax: http://www.EMSL.com

orlandolab@emsl.com

(303) 980-5200 Phone: Fax: (303) 980-0089 Received: 10/24/2023 09:36 AM

Collected: 10/20/2023 EMSL Order:

CustomerID:

CustomerPO:

ProjectID:

342323966

PINY63

Attn: Tricia McCready **Pinyon Environmental** 3222 S. Vance Street Suite 200 Lakewood, CO 80227

Project: Lafayette Lead Sampling

		Analytical	Results			
Client Sample Description	101923-CH City Hall		Collected:	10/19/2023	Lab ID:	342323966-0001
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
7300 Modified	Lead	ND	0.000043 mg/m ³		10/24/2023 LN	10/25/2023 LN
Client Sample Description	101923-RC Recreation Center		Collected:	10/19/2023	Lab ID:	342323966-0002
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
7300 Modified	Lead	ND	0.000043 mg/m ³		10/24/2023 LN	10/25/2023 LN
Client Sample Description	101923-WR Water Reclamation Plant		Collected:	10/19/2023	Lab ID:	342323966-0003
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
7300 Modified	Lead	ND	0.000045 mg/m ³		10/24/2023 LN	10/25/2023 LN
Client Sample Description	101923-WT Water Treatment Plant		Collected:	10/19/2023	Lab ID:	342323966-0004
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
7300 Modified	Lead	ND	0.000046 mg/m ³		10/24/2023 LN	10/25/2023 LN
Client Sample Description	102023-CH City Hall		Collected:	10/20/2023	Lab ID:	342323966-0009
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
METALS						
7300 Modified	Lead	ND	0.000046 mg/m ³		10/24/2023 LN	10/25/2023 LN
Client Sample Description	102023-RC Rec. Center		Collected:	10/20/2023	Lab ID:	342323966-0010
Method	Parameter	Result	RL Units		Prep Date & Analyst	Analysis Date & Analyst
					•	

METALS



3303 PARKWAY CENTER COURT, Orlando, FL 32808

Phone/Fax: (407) 599-5887 / (407) 599-9063 orlandolab@emsl.com http://www.EMSL.com

CustomerID:

342323966

PINY63

CustomerPO: ProjectID:

EMSL Order:

Attn: Tricia McCready **Pinyon Environmental** 3222 S. Vance Street Suite 200

Lakewood, CO 80227

Project: Lafayette Lead Sampling

Phone: (303) 980-5200 Fax: (303) 980-0089 Received: 10/24/2023 09:36 AM

Collected: 10/20/2023

Analytical Results

		Analytical	Result	S					
Client Sample Description	102023-RC Rec. Center		Colle	cted:	10/20/2023	Lab	ID:	342323966-0	010
Method	Parameter	Result	RL	Units		Prep Date & An	alyst	Analysis Date & Ana	
METALS									
7300 Modified	Lead	ND	0.000045	mg/m³		10/24/2023	LN	10/25/2023	LN
Client Sample Description	102023-WR Water Reclamation		Colle	cted:	10/20/2023	Lab	ID:	342323966-0	011
Method	Parameter	Result	RL	Units		Prep Date & An	alyst	Analysi: Date & Ana	
METALS									
7300 Modified	Lead	ND	0.000045	mg/m³		10/24/2023	LN	10/25/2023	LN
Client Sample Description	102023-WT Water Treatment		Colle	cted:	10/20/2023	Lab	ID:	342323966-0	012
Method	Parameter	Result	RL	Units		Prep Date & An	alyst	Analysis Date & Ana	
METALS									
7300 Modified	Lead	ND	0.000047	mg/m³		10/24/2023	LN	10/25/2023	LN
Client Sample Description	101923-FB Field Blank - Air		Colle	cted:	10/19/2023	Lab	ID:	342323966-0	013
Method	Parameter	Result	RL	Units		Prep Date & An	alyst	Analysis Date & Ana	
METALS									
7300 Modified	Lead	ND	0.000050	mg/filter		10/24/2023	LN	10/25/2023	LN
Client Sample Description	102023-FB Field Blank - Air		Colle	cted:	10/20/2023	Lab	ID:	342323966-0	014
Method	Parameter	Result	RL	Units		Prep Date & An	alyst	Analysis Date & Ana	
METALS									
7300 Modified	Lead	ND	0.000050	mg/filter		10/24/2023	LN	10/25/2023	LN

Definitions:

MDL - method detection limit

J - Result was below the reporting limit, but at or above the MDL

ND - indicates that the analyte was not detected at the reporting limit

RL - Reporting Limit (Analytical)

D - Dilution Sample required a dilution which was used to calculate final results

OrderID: 342323966



Lead Chain of Custody

LA Testing Order Number / Lab Use Only

LA Testing 5431 Industrial Avenue

342323966

Huntington Beach, CA 92649

PHONE: (714) 828-4999

							EMAIL: hut	ingtonbeachlab@latestin		
Customer ID:				Billing ID:				. 2200		
Company Name: Anyon F. Contact Name: Tricic M Street Address: 3222 S. City, State, Zip: Lakewood, Phone: 303-204-		ate 1	5	Company N	Name:					
Contact Name:	C 1		atio	Billing Cont	tact					
Street Address: 7222 C	char	# # a a a a	Information	Street Addr	ress:					
City State Zin:	vances	1, #200 Country:		City State	7in		lo-			
City, State, Zip: Lakewood	CO 80	227 Country.	Billing	City, State,	ZIP.		Co	untry:		
Phone: 303-204-	1542									
Email(s) for Report	· Coin	en-env con	_	Email(s) for Invoice:						
	/ /	Pr	roject Inforn	nation						
Project Name/No: Lafantte	10-1	sampling				Purchase Order:				
LAT LIMS Project ID:	Lead	anging	US	State where		State of Connecticut (CT) m	ust select project loc	cation:		
If applicable, EMSL will provide)			san	nples collecte	ed:	Commercial (Taxa	ble) Resi	dential (Non-Taxable)		
Sampled By ame:	11	Sampled By Signature	21	1	•		No. of Same			
Taron Land	. 11	Turn	-Around-Tir	me (TAT)			п оприн			
3 Hour 6 Hour	24 Hour	32 Hour	48 Hour	Г	72 Hour	96 Hour	1 Week	2 Week		
		ts and/or turnaround times 6 Hours o		TAT available 6			\Box			
MATRIX		METHOD		INSTRUME		REPORTING LIMIT		ELECTION		
CHIPS 3% by wt. ppm (mg/kg) mg/cm	SIA	846-7000B	Flam	e Atomic Al	beamtion	0.008% (80ppm)	3010	THE SECTION		
	300	0-10-70000	riditi	A ALOTHIC A	DOUIPHUII	0.008% (80ppm)	1			
Reporting Limit based on a minimum 0.25g sample weight	SW	846-6010D*		ICP-OES	S	0.0004% (4ppm)	1 44 5	DOCON		
	NI	OSH 7082	Flam	e Atomic Al	bsorption	4µg/filter	1 1000			
						The State of				
AIR	NIOSH 7300M / NIOSH 7303M			ICP-OES	S	0.5µg/filter				
	NIOSH 7300M / NIOSH 7303M			ICP-MS	3	0.05µg/filter	2400	X		
WIPE ASTM NON-ASTM	sw	846-7000B	Flam	e Atomic Al	bsorption	10µg/wipe		X		
if no box is checked, non-ASTM Wipe is						1				
assumed	SW 846-6010D*		ICP-OES		1.0µg/wipe	1				
TCLP	SW 846-1311 / 7000B / SM 3111B		Flame Atomic Absorption		0.4 mg/L (ppm)					
101	SW 846-1311 / SW 846-6010D*			ICP-OES		0.1 mg/L (ppm)				
SPLP	SW 846-1312 / 7000B / SM 3111B		Flame Atomic Absorption			0.4 mg/L (ppm)				
	SW 846-1312 / SW 846-6010D* 22 CCR App. II, 7000B 22 CCR App. II, SW 846-6010D* 22 CCR App. II, 7000B 22 CCR App. II, 5W 846-6010D*			ICP-OES		0.1 mg/L (ppm)				
ITLC			Flame Atomic Absorption ICP-OES Flame Atomic Absorption			40mg/kg (ppm)				
						2mg/kg (ppm) 0.4 mg/L (ppm)				
STLC			1 10111	ICP-OES		0.1 mg/L (ppm)		H		
D = 14		846-7000B	Flam	e Atomic Al	bsorption	40mg/kg (ppm)		Ħ		
Soil	SW	846-6010D*		ICP-OES	S	2mg/kg (ppm)				
Wastewater	SM 31118	3 / SW 846-7000B	Flam	e Atomic A	bsorption	0.4 mg/L (ppm)				
Unpreserved Units UNIO2	E	PA 200.7	ICP-OES			0.020 mg/L (ppm)				
Preserved with HNO3 PH<2 Drinking Water	F	PA 200.5		ICP-OES		0.003 mg/L (ppm)	_			
Unpreserved								H		
Preserved with HNO3 PH<2		PA 200.8		ICP-MS		0.001 mg/L (ppm)				
TSP/SPM Filter	40 (OFR Part 50		ICP-OES	S	12 µg/filter				
Other:		7	<u> </u>							
Sample Number		Sample Location		T	Vol	lume / Area	Date / Ti	me Sampled		
							-	inc dampied		
101923-CH	City	Hall don Cente			11586	22.55 pm	WARDI	0/19 445		
101923 - RC	Para	Ju Ca to	_		11-26	201	Water 1	119 450		
	RELIES	S'ON CENTE			11326	2.56 pm	- The state of the	9/19 450		
101923-WR	Water	rater reclamation plant reatment plant			11090	2.61 1pm	Kajea 10	/19 425		
101923 - WT	Treatment p	plant		10796	2.54 pm	10/20 10	19 425			
101923-CH-W	C:+xH	اسا			1000		10/19/2	7		
Method of Shipment		•		Sample Co	andition Upon Recei		10/1//	_		
		In			,		In m			
Relinquished by:		Date/Time:		Received b	y //	70176	Date/Time	2 4 2023		
Relinquished by:		Date/Time:		Received b	oy:		Date/Time	12 x 6060		
Controlled Document - COC-25 LAT Lead R15 04/19/2021		*6010C Available U	Ipon Request							

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)



Lead Chain of Custody

LA Testing Order Number / Lab Use Only

LA Testing 5431 Industrial Avenue Huntington Beach, CA 92649

342323966

PHONE: (714) 828-4999

EMAIL: hutingtonbeachlab@latesting.com

dditional Pages of the Chain of Custody are only necessary if needed for additional sample information

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.) Sample Number Sample Location Volume / Area Date / Time Sampled Rec Cater 100 cm 2 101923-RC-W 10/19/23 100 cm 2 water reclanation 10/19/23 101923-WR-W water treatment 100cm2 10/19/23 101923 -WT-W 1096@ 2.61 1pm 10/20 City Heal! 102023-CH Rec. Center 1109@261 1pm 10/20 425 102023-RC 1105 @ 2.54 /pm 10/20 Water reclamation 102023-WR nate tractma 1061@2.44 1pm 10/20 102023-WT Field Black - Asa 101923-FB 10/19/23 Field Blank - Air B 102023-FB 10/20/27 Field Blak-Wipe 102023-FB-W 10/20/23 Method of Shipment Sample Condition Upon Receipt Relinquished by Received by Date/Time Relinquished by Received by Date/Time ontrolled Document - COC-25 LAT Lead R15 04/19/2021

EMSL Analytical, Inc. (DBA LA Testing) Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to LA Testing constitutes acceptance and acknowledgment of all terms and conditions by Customer.

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)