King County, Department of Natural Resources and Parks, Water and Land Resources Division

This comment summarizes results of laboratory testing of TPE Pro-Max 37TM artificial turf infill for fluorine and 6PPD-quinone (6PPDQ) that was arranged by King County Department of Natural Resources and Parks, Water and Land Resources Division (WLRD) in early 2024. We are providing this information to the Washington Department of Ecology during the public comment period for the Safer Products for Washington Cycle 2 Draft Priority Products Report in hopes the data will be useful for the Safer Products for Washington effort.

Included with this comment are the following files with results from our 2024 testing of TPE Pro-Max 37TM artificial turf infill:

- Fluorine results 5 analytical reports from Eurofins Environmental Testing, grouped into one file.
- 6PPDQ results 1 analytical report from the King County Environmental Laboratory.

Key Findings:

• Based on a lack of fluorine detections and limited 6PPDQ detections, WLRD has concluded testing of TPE Pro-Max 37TM artificial turf infill for these two CECs.

Testing of TPE Pro-Max 37TM artificial turf infill for PFAS content and ability to leach 6PPDQ: In recent years per- and polyfluoroalkyl substances (PFAS) compounds and the tire chemical 6PPD and its degradant 6PPDQ emerged as CECs in King County and elsewhere due to health risks for people (PFAS) and aquatic life (6PPDQ). In early 2024, WLRD arranged for testing of the TPE Pro-Max 37TM (TPE) artificial turf infill, a product used by King County, to screen for these chemicals. Testing was conducted with the cooperation of Target Technologies International Inc., the manufacturer of this product.

For this study, only new TPE infill was tested. WLRD obtained three samples each from five manufacturing batches of the infill for analysis (i.e., 15 samples for each analyte). For investigation of PFAS, we sent the samples for product testing of total organic fluorine, via extractable organic fluorine (EOF) analysis, to the Eurofins Environmental Testing laboratory in Sacramento, California. The assumption was that if little-to-no fluorine was present in the infill then no further testing would be warranted. However, if there was a significant amount of fluorine found, we would recommend further testing for specific PFAS chemicals. For the 6PPDQ testing, we sent the 15 samples to Analytical Resources LLC for synthetic precipitation leaching procedure extraction, followed by testing of the leachate at the King County Environmental Laboratory (KCEL).

No fluorine was detected in the TPE infill via the EOF testing (see Eurofins analytical reports). However, the EOF detection limits were somewhat higher than preferred at 230 to 250 ppb. As the science evolves, we may learn of a better analytical method for testing the TPE infill and in that case would likely recommend re-testing. However, until that time WLRD has concluded the TPE infill testing for PFAS.

6PPDQ was not detected in the leachate for 12 of the 15 TPE infill samples (see KCEL analytical report). Of the three samples with detected amounts, concentrations were near the method detection

limit (0.002 μ g/L) for 6PPDQ and below the 0.008 μ g/L draft Ecology Water Quality Standard for protection of aquatic life. The three detected 6PPDQ concentrations, each from a different manufacturing batch of TPE infill, were 0.0031, 0.0022, and 0.0023 μ g/L.



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Nadia Minato Target Technologies International Inc. 8535 Eastlake Drive Burnaby, British Columbia V5A 4T7 Generated 3/11/2024 4:02:48 PM

JOB DESCRIPTION

EOF, Infill

JOB NUMBER

320-109802-1

Eurofins Sacramento 880 Riverside Parkway West Sacramento CA 95605







Eurofins Sacramento

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 Environment Testing Northern California, LLC Project Manager.

Authorization

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Authorized for release by Jill Kellmann, Client Service Manager Jill.Kellmann@et.eurofinsus.com (916)374-4402

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Definitions/Glossary

Client: Target Technologies International Inc. Project/Site: EOF, Infill Job ID: 320-109802-1

Glossary		3
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	5
CFU	Colony Forming Unit	
CNF	Contains No Free Liquid	6
DER	Duplicate Error Ratio (normalized absolute difference)	0
Dil Fac	Dilution Factor	7
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)	ð
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	9
LOQ	Limit of Quantitation (DoD/DOE)	
MCL	EPA recommended "Maximum Contaminant Level"	10
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	13
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	

Client: Target Technologies International Inc. Project: EOF, Infill

Job ID: 320-109802-1

Eurofins Sacramento

Receipt

The samples were received on 2/19/2024 9:50 AM. 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 was 14.3° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): The container labels have no time listed. The samples were logged in per the COC.

LCMS

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

Organic Prep

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

Detection Summarv

Detection Summary	1
Client: Target Technologies International Inc. Job ID: 320-109802-1 Project/Site: EOF, Infill	2
Client Sample ID: Batch #22659/Sample #1 Lab Sample ID: 320-109802-1	
No Detections.	
Client Sample ID: Batch #22659/Sample #2 Lab Sample ID: 320-109802-2	4
No Detections.	5
Client Sample ID: Batch #22659/Sample #3 Lab Sample ID: 320-109802-3	6
No Detections.	
	8
	9
	13

Client Sample Results

Job ID: 320-109802-1

Client Sample ID: Batch #2	Lab Sample ID: 320-109802							
Date Collected: 01/26/24 19:00							Matrix	c: Solid
Date Received: 02/19/24 09:50								
Method: Lab SOP CIC EOF - Ex	tractable Organic Fluc	orine by Co	mbustic	on Ion Cl	hroma	tography		
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Extractable Organic Fluorine (EOF)	ND	220		ug/Kg		02/29/24 10:40	03/01/24 04:42	1
Client Sample ID: Batch #2		La	b Sample	ID: 320-109	9802-2			
-	-						Matrix	c: Solid
Date Collected: 01/26/24 20:00								
Date Collected: 01/26/24 20:00 Date Received: 02/19/24 09:50								
Date Received: 02/19/24 09:50	tractable Organic Fluc	orine by Co	mbustic	on Ion Cl	hroma	tography		
	tractable Organic Fluc Result Qualifier	orine by Co RL	mbustic MDL		h roma D	tography Prepared	Analyzed	Dil Fac
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex	-	-				- · ·	Analyzed	Dil Fac
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte	ND Qualifier	RL		Unit	<u> </u>	Prepared 02/29/24 10:40	Analyzed	1
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF)	ND Qualifier	RL		Unit	<u> </u>	Prepared 02/29/24 10:40	Analyzed 03/01/24 05:08	1
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #2	ND Qualifier	RL		Unit	<u> </u>	Prepared 02/29/24 10:40	Analyzed 03/01/24 05:08	1 9802-3
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #22 Date Collected: 01/26/24 21:00 Date Received: 02/19/24 09:50	Result Qualifier	RL230	MDL	Unit ug/Kg	<u>P</u> 	Prepared 02/29/24 10:40 ab Sample	Analyzed 03/01/24 05:08	1 9802-3
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #22 Date Collected: 01/26/24 21:00	Result Qualifier	RL230	MDL	Unit ug/Kg on Ion Cl	<u>P</u> 	Prepared 02/29/24 10:40 ab Sample	Analyzed 03/01/24 05:08	1 9802-3

QC Sample Results

Job ID: 320-109802-1

Method: CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography

Lab Sample ID: MB 320-743556 Matrix: Solid Analysis Batch: 743938		мв							(Clie	nt Samp		Type: \$	Step 3
Analyte		MB Qualifier		RL		MDL	Unit		D	р,	epared	Analy	boz	Dil Fac
Extractable Organic Fluorine (EOF)	ND	Quanner		250			ug/Kg				9/24 10:40			1
Lab Sample ID: LCS 320-74355	56/2-B							Clie	ent	Sar	nple ID:			
Matrix: Solid													Type:	
Analysis Batch: 743938												Prep Ba	atch: 7	43556
			Spike			LCS						%Rec		
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits		
Extractable Organic Fluorine (EOF)			5070		5150			ug/Kg			102	50 - 150		
Lab Sample ID: LCSD 320-743 Matrix: Solid	556/3-B						C	lient S	am	ple	ID: Lab			
													Type:	
Analysis Batch: 743938			• •				_					Prep Ba	atcn: /	
			Spike		LCSD							%Rec		RPD
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits	RPD	Limit
Extractable Organic Fluorine _(EOF)			5070		5270			ug/Kg			104	50 - 150	2	20

Eurofins Sacramento

Prep Type

Total/NA

Total/NA

Total/NA

Step 3

Step 3

Step 3

Prep Type

Total/NA

Total/NA

Total/NA

Step 3

Step 3

Step 3

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Client Sample ID

Method Blank

Lab Control Sample

Client Sample ID

Method Blank

Lab Control Sample

Batch #22659/Sample #1

Batch #22659/Sample #2

Batch #22659/Sample #3

Lab Control Sample Dup

Batch #22659/Sample #1

Batch #22659/Sample #2

Batch #22659/Sample #3

Lab Control Sample Dup

Job ID: 320-109802-1

Prep Batch

Prep Batch

743556

743556

743556

743556

743556

743556

Method

EOF Prep

EOF Prep

EOF Prep

EOF Prep

EOF Prep

EOF Prep

Method

Split

Split

Split

Split

Split

Split

8 9 10 11

Analysis Batch: 743938

LCMS

Prep Batch: 743556

Lab Sample ID

320-109802-1

320-109802-2

320-109802-3

Lab Sample ID

320-109802-1

320-109802-2

320-109802-3

MB 320-743556/1-B

LCS 320-743556/2-B

LCSD 320-743556/3-B

MB 320-743556/1-B

LCS 320-743556/2-B

LCSD 320-743556/3-B

Cleanup Batch: 743909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109802-1	Batch #22659/Sample #1	Total/NA	Solid	CIC EOF	743909
320-109802-2	Batch #22659/Sample #2	Total/NA	Solid	CIC EOF	743909
320-109802-3	Batch #22659/Sample #3	Total/NA	Solid	CIC EOF	743909
MB 320-743556/1-B	Method Blank	Step 3	Solid	CIC EOF	743909
LCS 320-743556/2-B	Lab Control Sample	Step 3	Solid	CIC EOF	743909
LCSD 320-743556/3-B	Lab Control Sample Dup	Step 3	Solid	CIC EOF	743909

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Client Sample ID: Batch #22659/Sample #1

Lab Sample ID: 320-109802-1 Matrix: Solid

Date Collected: 01/26/24 19:00 Date Received: 02/19/24 09:50

	Batch	Batch	P	Dil	Initial	Final	Batch	Prepared	A	1
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.12 g	5.0 mL	743556	02/29/24 10:40	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	743909	02/29/24 14:00	JCB	EET SAC
Total/NA	Analysis	CIC EOF		1			743938	03/01/24 04:42	JCB	EET SAC

Client Sample ID: Batch #22659/Sample #2 Date Collected: 01/26/24 20:00 Date Received: 02/19/24 09:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.07 g	5.0 mL	743556	02/29/24 10:40	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	743909	02/29/24 14:00	JCB	EET SAC
Total/NA	Analysis	CIC EOF		1			743938	03/01/24 05:08	JCB	EET SAC

Client Sample ID: Batch #22659/Sample #3 Date Collected: 01/26/24 21:00 Date Received: 02/19/24 09:50

Lab Sample ID: 320-109802-3 **Matrix: Solid**

Ргер Туре	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.03 g	5.0 mL	743556	02/29/24 10:40	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	743909	02/29/24 14:00	JCB	EET SAC
Total/NA	Analysis	CIC EOF		1			743938	03/01/24 05:34	JCB	EET SAC

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Sample ID: 320-109802-2 Matrix: Solid 9

Accreditation/Certification Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill Job ID: 320-109802-1

10

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

uthority	Program	Identification Number	Expiration Date
aska (UST)	State	17-020	02-20-27
AB	Dept. of Defense ELAP	L2468	01-20-27
λВ	Dept. of Energy	L2468.01	01-20-27
3	ISO/IEC 17025	L2468	01-20-27
na	State	AZ0708	08-11-24
sas DEQ	State	88-0691	05-18-24
rnia	State	2897	01-31-26
ado	State	CA00044	08-31-24
а	NELAP	E87570	06-30-24
gia	State	4040	01-29-25
aii	State	Eurofins Sacramento	01-29-25
s	NELAP	200060	03-17-24
as	NELAP	E-10375	10-31-24
ana	NELAP	01944	06-30-24
ına (All)	NELAP	01944	06-30-24
•	State	CA00004	04-14-24
an	State	9947	01-29-25
la	State	CA00044	07-31-24
lampshire	NELAP	2997	04-18-24
ersey	NELAP	CA005	06-30-24
′ork	NELAP	11666	04-01-24
	State	41252	01-29-25
on	NELAP	4040	01-29-25
	NELAP	T104704399-23-17	05-31-24
ish & Wildlife	US Federal Programs	58448	04-30-24
4	US Federal Programs	P330-18-00239	02-28-26
	NELAP	CA000442023-16	02-29-24 *
а	NELAP	460278	03-14-24
ington	State	C581	05-05-24
Virginia (DW)	State	9930C	01-31-25
nsin	State	998204680	08-31-24
ming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Method	Method Description	Protocol	Laboratory
CIC EOF	Extractable Organic Fluorine by Combustion Ion Chromatography	Lab SOP	EET SAC
EOF Prep	Preparation, Extractable Organic Fluorine	Lab SOP	EET SAC
Split	CIC - EOF Split	Lab SOP	EET SAC

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins Sacramento

Sample Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Job ID: 320-109802-	1
JOD ID: 320-109802-	I.

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-109802-1	Batch #22659/Sample #1	Solid	01/26/24 19:00	02/19/24 09:50
320-109802-2	Batch #22659/Sample #2	Solid	01/26/24 20:00	02/19/24 09:50
320-109802-3	Batch #22659/Sample #3	Solid	01/26/24 21:00	02/19/24 09:50

	Chain of	Custody Record	721015
Address age niverside far hway	4 •		Section Content Cesting
916 273 5600 For 202		,	l America
		Other	TAL-8210
Contact	Project Manager: J Lanksbury and		CUC NO
VName Target Technologies Inteline	Tel/Email: j/un/x sbury (@ Kingcuudy	Lab Contact: Carrier:	t of L COCs
Driv	Inrn		Sampler
Phone (2) SUCHABY, BC V5A 417	CALENDAR DAYS	(For Lab Use Unly:
FIUNE 60 4 421 3620		N /	
ect Name Pro Max 37 TPE EOF Avalysi	2 Weeks	λ)	
	2 days	ası	Job / SDG No
P O #	1 day		
	Sample Type	ы с 2 ба 1 с 2 с 2 с 2 с	
Sample Identification	Time C=Comp, # of C=Comp, Time C=Comp, Matrix Cont.	Perío	Sample Specific Notes
Batch # 22659 / Sample #1	G Solid 1		
+ 22 659 / Samole # 2	-224 20100 G		
++++++++++++++++++++++++++++++++++++++		. 7	
+ c2/ James / C3 +	5 5 5 5 7 7		
		-	
Pag			
e 14			
of			
16			
,			
Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3;	5=NaOH; 6= Other		
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Code Comments Section if the lab is to dispose of the sample	se List any EPA Waste Codes for the sample in the	Sample Disposal (A fee may be assessed	d if samples are retained longer than 1 month)
Non-Hazard Elammable Skin Trritant		Return to Client	Archive for Months
ctions/QC Requirements & Co			
	I Crietody Seal No	Cooler Temp (°C) Obs'd	Corrd / STherm ID No / J
2	Date/Time	Received by	Date/Time
	compounds	X	Ba
Kelinquished by	Company Date/Time		Company Date/Time
Relinquished by	Company Date/Time	Received in Laboratory by ⁻	Company Date/Time
2024	_		

Chain of Custody Record 721015

Eurofius sacramento



Job:_

Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Loc: 320 **109802**

Tracking #: 12662 F33040	267.3531
--------------------------	----------

SO / PO / FO / SAT / 2-Day / Ground / UPS CDO / Courier GSL / OnTrac / Goldstreak / USPS / Other_____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: Corr. Factor: Ice Wet Gel Cooler Custody Seal: Cooler ID: Temp Observed: <u>14,3</u> °C Correct From: Temp Blank D Samp	_ Othe	r		Notes: <u>146°</u> Scmaly <u>no time on sample (o</u>	niQu	ηUIŚ	
Opening/Processing The ShipmentCooler compromised/tampered with?Cooler Temperature is acceptable?Frozen samples show signs of thaw?Initials: \bigcirc Date: $2 \int \int C A C A$	Yes D D D	<u>N</u> R R R R R R R R					
Unpacking/Labeling The Samples Containers are not broken or leaking? Samples compromised/tampered with? COC is complete w/o discrepancies Sample custody seal? Sample containers have legible labels? Sample date/times are provided? Appropriate containers are used? Sample bottles are completely filled? Sample preservatives verified? Is the Field Sampler's name on COC? Samples w/o discrepancies? Zero headspace?*	Yes Mono Mono Mono Mono Mono Mono Mono Mono	≥ No x o o o o o o x o o x o o x o o x o o x o o x o o x o o x o o x o o x o o x o o x o o x o o x o o x o o x o o	<u>NA</u>				
Alkalinity has no headspace? Perchlorate has headspace? (Methods 314, 331, 6850)			ø Ø	Login Completion Receipt Temperature on COC? NCM Filed?	<u>Yes</u> ⊠″ ⊠′	<u>No</u> □ □	<u>NA</u> □ □
Multiphasic samples are not present?	₽ or bubb	D		Samples received within hold time? Log Release checked in TALS?	ø 0⁄		ם ם
*Containers requiring zero headspace have no headspace Initials: <u>My</u> Date: <u>2119</u> 124	e, or bubb		1 (174)	Initials: <u>My</u> Date: <u>2/19/2</u> -	1		

Login Sample Receipt Checklist

Client: Target Technologies International Inc.

Login Number: 109802 List Number: 1 Creator: Yabut, Martina V

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

Job Number: 320-109802-1

List Source: Eurofins Sacramento



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Nadia Minato Target Technologies International Inc. 8535 Eastlake Drive Burnaby, British Columbia V5A 4T7 Generated 3/11/2024 4:05:56 PM

JOB DESCRIPTION

EOF, Infill

JOB NUMBER

320-109803-1

Eurofins Sacramento 880 Riverside Parkway West Sacramento CA 95605







Eurofins Sacramento

Job Notes

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Authorization

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Authorized for release by Jill Kellmann, Client Service Manager Jill.Kellmann@et.eurofinsus.com (916)374-4402

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Definitions/Glossary

Client: Target Technologies International Inc. Project/Site: EOF, Infill Job ID: 320-109803-1

Glossary		3
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	5
CFU	Colony Forming Unit	
CNF	Contains No Free Liquid	-6
DER	Duplicate Error Ratio (normalized absolute difference)	
Dil Fac	Dilution Factor	7
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)	ŏ
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	9
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	13 14
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	

Eurofins Sacramento

Job ID: 320-109803-1

Receipt

The samples were received on 2/19/2024 9:50 AM. 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 was 14.3° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): The container labels have no time listed. The samples were logged in per the COC.

LCMS

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

Organic Prep

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

Detection Summary

Detection Summary	1
Client: Target Technologies International Inc. Job ID: 320-109803-1 Project/Site: EOF, Infill	2
Client Sample ID: Batch #22669/Sample #1 Lab Sample ID: 320-109803-1	3
No Detections.	
Client Sample ID: Batch #22669/Sample #2 Lab Sample ID: 320-109803-2	4
No Detections.	5
Client Sample ID: Batch #22669/Sample #3 Lab Sample ID: 320-109803-3	6
No Detections.	7
	8
	9
	13

Client Sample Results

Job ID: 320-109803-1

Client Sample ID: Batch #22669/Sample #1 Date Collected: 01/26/24 16:00						Lab Sample ID: 320-109803-1 Matrix: Solid					
Date Received: 02/19/24 09:50											
Method: Lab SOP CIC EOF - Ex	tractable Orga	anic Fluorine by C	ombustio	on Ion Cl	hroma	tography					
Analyte	Result Qua	· · · · · · · · · · · · · · · · · · ·		Unit	D	Prepared	Analyzed	Dil Fac			
Extractable Organic Fluorine (EOF)	ND	250		ug/Kg		02/29/24 10:40	03/01/24 06:01	1			
Client Sample ID: Batch #2	2669/Sampl	e #2			La	ab Sample	ID: 320-109	803-2			
							Matrix	c: Solid			
Date Collected: 01/26/24 17:00											
	tractable Orga Result Qua	· · · · · · · · · · · · · · · · · · ·		on Ion Cl Unit	h roma D	itography Prepared	Analyzed	Dil Fac			
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex		· · · · · · · · · · · · · · · · · · ·					Analyzed	Dil Fac			
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF)	Result Qua	Alifier RL 240 -		Unit	<u> </u>	Prepared 02/29/24 10:40	Analyzed	1			
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #2	Result Qua	Alifier RL 240 -		Unit	<u> </u>	Prepared 02/29/24 10:40	Analyzed 03/01/24 06:27	1			
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #22 Date Collected: 01/26/24 18:00	Result Qua	Alifier RL 240 -		Unit	<u> </u>	Prepared 02/29/24 10:40	Analyzed 03/01/24 06:27	1 1 9803-3			
Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #22 Date Collected: 01/26/24 18:00 Date Received: 02/19/24 09:50	Result Qua ND 2669/Sampl	e #3	MDL	Unit ug/Kg	<u>P</u> 	Prepared 02/29/24 10:40 ab Sample	Analyzed 03/01/24 06:27	1 1 9803-3			
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #22 Date Collected: 01/26/24 18:00	Result Qua ND 2669/Sampl	e #3	MDL	Unit ug/Kg	<u>P</u> 	Prepared 02/29/24 10:40 ab Sample	Analyzed 03/01/24 06:27	1 1 9803-3			

QC Sample Results

Job ID: 320-109803-1

Method: CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography

Lab Sample ID: MB 320-74355 Matrix: Solid Analysis Batch: 743938										Clie	ent Samp		Type: \$	Step 3
	MB	MB							_	_	_			
Analyte	Result	Qualifier		RL		MDL	Unit		D	Pi	repared	Analy	zed	Dil Fac
Extractable Organic Fluorine (EOF)	ND			250			ug/Kg	1		02/2	9/24 10:40	03/01/24	03:23	1
Lab Sample ID: LCS 320-7435 Matrix: Solid	56/2-B							Clie	ent	Sar	nple ID:		ntrol Sa Type: \$	
Analysis Batch: 743938												Prep B		
·····,			Spike		LCS	LCS						%Rec		
Analyte			Added		Result			Unit		D	%Rec	Limits		
Extractable Organic Fluorine (EOF)			5070		5150			ug/Kg			102	50 - 150		
Lab Sample ID: LCSD 320-743	556/3-B						C	lient S	am	ple	ID: Lab	Control	Sampl	e Dup
Matrix: Solid												Prep	Type: \$	Step 3
Analysis Batch: 743938												Prep B		
			Spike		LCSD	LCS	D					%Rec		RPD
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits	RPD	Limit
Extractable Organic Fluorine			5070		5270			ug/Kg			104	50 - 150	2	20

_(EOF)

Eurofins Sacramento

Prep Type

Total/NA

Total/NA

Total/NA

Step 3

Step 3

Step 3

Prep Type

Total/NA

Total/NA

Total/NA

Step 3

Step 3

Step 3

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Matrix

Solid

Solid

Solid

Solid

Solid

Solid

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Client Sample ID

Method Blank

Lab Control Sample

Client Sample ID

Method Blank

Lab Control Sample

Batch #22669/Sample #1

Batch #22669/Sample #2

Batch #22669/Sample #3

Lab Control Sample Dup

Batch #22669/Sample #1

Batch #22669/Sample #2

Batch #22669/Sample #3

Lab Control Sample Dup

Job ID: 320-109803-1

Prep Batch

Prep Batch

743556

743556

743556

743556

743556

743556

Method

EOF Prep

EOF Prep

EOF Prep

EOF Prep

EOF Prep

EOF Prep

Method

Split

Split

Split

Split

Split

Split

8 9 10 11

Anal	vsis	Batch:	743938

LCMS

Prep Batch: 743556

Lab Sample ID

320-109803-1

320-109803-2

320-109803-3

Lab Sample ID

320-109803-1

320-109803-2

320-109803-3

MB 320-743556/1-B

LCS 320-743556/2-B

LCSD 320-743556/3-B

MB 320-743556/1-B

LCS 320-743556/2-B

LCSD 320-743556/3-B

Cleanup Batch: 743909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109803-1	Batch #22669/Sample #1	Total/NA	Solid	CIC EOF	743909
320-109803-2	Batch #22669/Sample #2	Total/NA	Solid	CIC EOF	743909
320-109803-3	Batch #22669/Sample #3	Total/NA	Solid	CIC EOF	743909
MB 320-743556/1-B	Method Blank	Step 3	Solid	CIC EOF	743909
LCS 320-743556/2-B	Lab Control Sample	Step 3	Solid	CIC EOF	743909
LCSD 320-743556/3-B	Lab Control Sample Dup	Step 3	Solid	CIC EOF	743909

Lab Sample ID: 320-109803-1 Matrix: Solid

Client Sample ID: Batch #22669/Sample #1 Date Collected: 01/26/24 16:00 Date Received: 02/19/24 09:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.01 g	5.0 mL	743556	02/29/24 10:40	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	743909	02/29/24 14:00	JCB	EET SAC
Total/NA	Analysis	CIC EOF		1			743938	03/01/24 06:01	JCB	EET SAC

Client Sample ID: Batch #22669/Sample #2 Date Collected: 01/26/24 17:00 Date Received: 02/19/24 09:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Туре	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.04 g	5.0 mL	743556	02/29/24 10:40	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	743909	02/29/24 14:00	JCB	EET SAC
Total/NA	Analysis	CIC EOF		1			743938	03/01/24 06:27	JCB	EET SAC

Client Sample ID: Batch #22669/Sample #3 Date Collected: 01/26/24 18:00 Date Received: 02/19/24 09:50

Lab Sample ID: 320-109803-3 **Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.08 g	5.0 mL	743556	02/29/24 10:40	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	743909	02/29/24 14:00	JCB	EET SAC
Total/NA	Analysis	CIC EOF		1			743938	03/01/24 06:53	JCB	EET SAC

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Sample ID: 320-109803-2 Matrix: Solid 9

Accreditation/Certification Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill Job ID: 320-109803-1

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Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

uthority	Program	Identification Number	Expiration Date
laska (UST)	State	17-020	02-20-27
NAB	Dept. of Defense ELAP	L2468	01-20-27
JAB	Dept. of Energy	L2468.01	01-20-27
AB	ISO/IEC 17025	L2468	01-20-27
ona	State	AZ0708	08-11-24
nsas DEQ	State	88-0691	05-18-24
ornia	State	2897	01-31-26
ado	State	CA00044	08-31-24
а	NELAP	E87570	06-30-24
gia	State	4040	01-29-25
aii	State	Eurofins Sacramento	01-29-25
S	NELAP	200060	03-17-24
as	NELAP	E-10375	10-31-24
ana	NELAP	01944	06-30-24
ana (All)	NELAP	01944	06-30-24
9	State	CA00004	04-14-24
an	State	9947	01-29-25
la	State	CA00044	07-31-24
lampshire	NELAP	2997	04-18-24
lersey	NELAP	CA005	06-30-24
ork	NELAP	11666	04-01-24
	State	41252	01-29-25
on	NELAP	4040	01-29-25
	NELAP	T104704399-23-17	05-31-24
ish & Wildlife	US Federal Programs	58448	04-30-24
Ą	US Federal Programs	P330-18-00239	02-28-26
	NELAP	CA000442023-16	02-29-24 *
а	NELAP	460278	03-14-24
ington	State	C581	05-05-24
Virginia (DW)	State	9930C	01-31-25
onsin	State	998204680	08-31-24
ning	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Method	Method Description	Protocol	Laboratory
CIC EOF	Extractable Organic Fluorine by Combustion Ion Chromatography	Lab SOP	EET SAC
EOF Prep	Preparation, Extractable Organic Fluorine	Lab SOP	EET SAC
Split	CIC - EOF Split	Lab SOP	EET SAC

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins Sacramento

Matrix

Solid

Solid

Solid

Collected

Received

01/26/24 16:00 02/19/24 09:50

01/26/24 17:00 02/19/24 09:50

01/26/24 18:00 02/19/24 09:50

	Sample Summary
Client: Target Technologies International Inc. Project/Site: EOF, Infill	

Batch #22669/Sample #1

Batch #22669/Sample #2

Batch #22669/Sample #3

Client Sample ID

Lab Sample ID

320-109803-1

320-109803-2

320-109803-3

1	
	5
	8
	9
	12
	13

Eurofins Sacramento 3/11/2024

			Chain	Chain of Custody Record	TOTZ/	
10. 1.1.2.2.1.2.500 Control Dec.						
Client Contract Contraction	916 373 5600 Fax 303 467					l America
Contract: Contrac		Regulatory Program:		····· 1		
Carrier: Car	Client Contact	Project Manager: J Lanks		lite Contact:	Date:	No
					Carrier:	of
ボントン カー・コーン (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			l Time			Sampler
· · · · · · · · · · · · · · · · · · ·	ite/ZIP BUrnaby, BC V 5 A 47		RKING DAYS			For Lab Use Only:
CC - トリントンゴード - E CF Thurking CC - トリントンゴード - E CF Thurking CC - トリントンゴード - E CF Thurking CC - 2008 Sample lotnification Sample lotnificatin Sample lotnification	664-421-3	TAT if different from Below		Sector Sector		Walk-in Client
Sample letenification 2 mm				- Contraction of the local division of the l		Lab Sampling
Sample Identification Sample Samamle Samamanter Sample Sample Sample Sample Samamanter Samal Sa	110-110-110			as		Ioh / SDG No
Sample familitation Sample	P O #	1 day		W / 9		
Sample learnification		Sample		SM u		
$ \frac{(\pi + 2) L(E)}{(\pi + 1)} \frac{(\pi + 1)}{(\pi + 2)^{2/2}} \frac{(\pi + 1)}{(\pi + 2)^{2/2}} \frac{(\pi + 1)}{(\pi + 1)^{2/2}} \frac{(\pi + 1)}{(\pi + $	Samnla Idontification	Sample	jo # c	noħə		Contraction Matter
14 1 <td></td> <td></td> <td></td> <td>Ы</td> <td></td> <td></td>				Ы		
# 22663 \Sam.vE # 22663 \Sam.vE # 22663 \Sam.vE # 22663 = 1 <t< td=""><td>Sample</td><td>16.00</td><td>Solid L</td><td></td><td></td><td></td></t<>	Sample	16.00	Solid L			
# 224.667 / Samu/C # 3 3 ⁻²¹⁴ [Stop (C Joud 1 1 Y I Y I Y I Y I Y Y I Y	22669 / Sample	-26 17 CO	Solid 1			
diff 1= les, 2= HCit, 3= HZSO4, 4=HNO3; 5=NaOH; 6= Other 321-109033 (hain of Custody) diff 1= les, 2= HCit, 3= HZSO4, 4=HNO3; 5=NaOH; 6= Other 321-109033 (hain of Custody) diff 1= les, 2= HCit, 3= HZSO4, 4=HNO3; 5=NaOH; 6= Other 321-109033 (hain of Custody) diff 1= les, 2= HCit, 3= HZSO4, 4=HNO3; 5=NaOH; 6= Other 321-109033 (hain of Custody) diff 1= les, 2= HCit, 3= HZSO4, 4=HNO3; 5=NaOH; 6= Other 321-109033 (hain of Custody) diff 1= les, 2= HCit, 3= HZSO4, 4=HNO3; 5=NaOH; 6= Other 321-109033 (hain of Custody) diff 1= les, 2= HCit, 3= HZSO4, 4=HNO3; 5=NaOH; 6= Other 321-109033 (hain of Custody) diff 1= les, 2= HCit, 3= HZSO4, 4=HNO3; 5=NaOH; 6= Other 321-109033 (hain of Custody) diff 1= les, 2= HZSO4, 4=HNO3; 5=NaOH; 6= Other 1 diff 1= les, 2= HZSO4, 4=HNO3; 5=NaOH; 6= Other 1 diff 1= les, 2= HZSO4, 4=HNO3; 5=NaOH; 6= Other 1 diff 1= les, 2=HZSO4, 4=HNO3; 5=NaOH; 6= Other 1 diff 1= les, 2=HZSO4, 4=HNO3; 5=NaOH; 6= Other 1 diff 1= les to depose of the sample 1 or diff 1= les to depose of the sample 1 off 1= les to depose of the sample 1 or diff 1= les to depose of the sample 1 or diff 1= les to depose of the samof sample 1	# 22669 / Sample #	18.00				
i= i= i 300-10803 Chan of Custody at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 3=HOI; 4 i= i at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 5= Other i= i at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 5= Other i= i at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 5= Other i= i at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 5= Other i= i at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 5= Other i= i at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 5= Other i= i at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 5= Other i= i at: i= ice, 2= HCi; 3= H2SO4; 4=HNO3; 5=HOI; 5= Other i= i at: i= ice, 2= HCi; 3= H2SO4; 4= HAV i= i interminiation i= i i= i i= i						
Interference Interference Interference Interference Interf	•					
at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 300-109000 Chain of Custody at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 300-109000 Chain of Custody at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 300-109000 Chain of Custody at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 300-109000 Chain of Custody at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 300-109000 Chain of Custody at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 300-109000 Chain of Custody at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 1 at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 1 at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 1 at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 1 at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 1 at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 1 at: 1=les, 2= HSOA; 4=HNO3; 5=NaOH; 6= Other 1 at: 1=les, 2= HSOA; 4=HNO3; 6= Other 1 1 at: 1 1 1 1 1 at: 1 1 1 1 1 1 at: 1	age					
at: 1=lee, 2= HCI; 3= H2SO4; 4=HNO3; 5=M3OH; 6= Other 320-103603 Chan of Custody at: 1=lee, 2= HCI; 3= H2SO4; 4=HNO3; 5=M3OH; 6= Other 320-103603 Chan of Custody at: 1=lee, 2= HCI; 3= H2SO4; 4=HNO3; 5=M3OH; 6= Other 1	≥ 1 2					
af: 1= lot, 2= HCl; 3= H2SO4; 4=1HOC; S20-109033 Chain of Custody af: 1= lot, 2= HCl; 3= H2SO4; 4=1HOC; 5= MaOH; 0 af: 1= lot, 2= HCl; 3= H2SO4; 4=1HOC; 5= MaOH; 0 af: 1= lot, 2= HCl; 3= H2SO4; 4=1HOC; 5= MaOH; 0 af: 1= lot, 2= HCl; 0 0 0 af: 1= lot, 2= HCl; 0 0 0 af: 1= lot, 2= HCl; 0 0 0 af: 1= lot, 2= H2SO4; 4=1HOC; 0 0 af: 1= lot, 2 0 0 0 0 a listed EPA Hazardous Waste? Plasee List any EPA Waste Codes for the sample in the of the lot of the sample in the of the lot of th	⊧ of					
	16			320-109803 Chain of C	ustody	
ef: 1= lee, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaCH; 6= Other						
ei: 1= lce, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						
ad: 1= lee, 2= HCI; 3= H2SO4; 4=HNO3; 5= NaOH; 6= Other						
ad: 1= Ica, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						
ad: 1=lce, 2=HCI; 3=H2SO4; 4=HNO3; 5=NaOH; 6= Other						
Identification: Identification: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the lab is to dispose of the sample Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) if namable Skin Irritant Poison B Unknown Internet Archive for Months ors/OC Requirements & Comments: Interct. vs Interct Vs	Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3;	5=NaOH; 6= Other				
In the random on table and the contract of the		e List any EPA Waste Codes for	the sample in the	Sample Disposal (A fee may be	samples	ed longer than 1 month)
□ Flammable □Skin Tirrtant □Polson B Unknown □Return to Client □Disposal by Lab □Archive for						
ons/QC Requirements & Comments: Intact. ves No Company Company Company Fe\ity Company Fe\ity Company Company Company Company Date/Time Received by Company Date/Time Received in Laboratory by Date/Time Date/Time Company Company Date/Time Company Date/Time Company Company Date/Time Company Date/T	Skin Irritant		own			Months
Intact. 「 Yes No Custody Seal No Cooler Temp (*C) Obsid Y Corrid Y S Therm ID No Contract F S Therm ID No Company Company Date/Time Received by Company Company Date/Time Received by Company Date/Time Received by Company Date/Time Company Date/Time Received by Company Date/Time Date/Time Received by Company Company Date/Time Received by Company Date/Time Company Date/Time Company Date/Time Received by Company Company Date/Time Company Date/Time Company Date/Time Company Company Date/Time Company Company Date/Time Com	Special Instructions/QC Requirements & Comments:					
Company $f \in V_1 \times ComPany$ Date/Time $2n2t + n(-2)$ Received by $2n2t + n(-2)$ CompanyDate/Time 	Yes	Custody Seal No		Cooler Temp (°C) Obs		Therm ID No C Y
Territy Company Date/Time Received by ZCT 200 ZUT 700 0 Company Company Date/Time Received by Company Date/Time Company Company Date/Time Received in Laboratory by Company Date/Time				Received by.	Company	
Company Date/Time Received in Laboratory by Company	Relinguished by	- LOW FOUG	1	Beceived by	Comnany	11 4 0
Company ⁻ Date/Time Received in Laboratory by Company		fundance			Company	
	Relinquished by:	Company ⁻	Date/Time	Received in Laboratory by	Company	Date/Time
	20.					

Chain of Custody Record 721017

Eurofins Sacramentes

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Job:_

Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Loc: 320		
109803	~	

Tracking # : 12	662	F53040267.553,)

SO / PO / FO / SAT / 2-Day / Ground / CPS CDO / Courier GSL / OnTrac / Goldstreak / USPS / Other_____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

		•					
Therm. ID: Corr. Factor:	(+/-)	Νίβ	_°C	Notes:	,		
lce Wet Gel	_ Othe	r		14 6 Samaly			
		-				{	
Cooler Custody Seal:				no time on container	190	ĉ 1 l	
Cooler ID:							
Temp Observed: <u>14, 3</u> ℃ Correc	ted: 1	4.3	°C				,
From: Temp Blank 🗗 Sam					¥		
<pre>/ Opening/Processing The Shipment</pre>	Yes	No	NA				
Cooler compromised/tampered with?							
Cooler Temperature is acceptable?	р	d d	П				
Frozen samples show signs of thaw?	П	٦	₽~				
Initials: S Date: 2/\G// 2-	1		/				
Unpacking/Labeling The Samples Containers are not broken or leaking?	<u>Yes</u> ⊉∕	<u>No</u>	<u>NA</u>				
Samples compromised/tampered with?		ല്					
COC is complete w/o discrepancies	ച			Trizma Lot #(s):			
Sample custody seal?			_				
Sample costody sear? Sample containers have legible labels?	ם ø	Ŗ					
Sample date/times are provided?	ല		, D				
Appropriate containers are used?	ല്		Ē	Ammonium			
Sample bottles are completely filled?	2 2			Acetate Lot #(s):			
Sample preservatives verified?	_م		5		r		
Is the Field Sampler's name on COC?		_ 					u
Samples w/o discrepancies?		ฮ					encount
Zero headspace?*			_ e				
Alkalinity has no headspace?			 	Login Completion	<u>Yes</u>	No	<u>NA</u>
Perchlorate has headspace?		_		Receipt Temperature on COC?	Ø	D	
(Methods 314, 331, 6850)			Ø	NCM Filed?	മ്		П
Multiphasic samples are not present?	ø	П		Samples received within hold time?	ø	Д	D
,				Log Release checked in TALS?	Ø	П	
*Containers requinng zero headspace have no headspac	e, or bubb:	le < 6 mn	1 (1/4")	· · ·			
Initials: <u>MM</u> Date: <u>2119124</u>				Initials: My Date: 2/19/24			
		a construction of the second secon		Initials: <u>MY</u> Date: <u>2119124</u>			
				$\sim 10^{-1}$			

日

, V QA-812 MBB 2023-08-07

Login Sample Receipt Checklist

Client: Target Technologies International Inc.

Login Number: 109803 List Number: 1 Creator: Yabut, Martina V

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

Job Number: 320-109803-1

List Source: Eurofins Sacramento



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Nadia Minato Target Technologies International Inc. 8535 Eastlake Drive Burnaby, British Columbia V5A 4T7 Generated 4/10/2024 7:57:55 AM

JOB DESCRIPTION

EOF, Infill

JOB NUMBER

320-109804-1

Eurofins Sacramento 880 Riverside Parkway West Sacramento CA 95605







Eurofins Sacramento

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 Environment Testing Northern California, LLC Project Manager.

Authorization

11 Kelmann)

Generated 4/10/2024 7:57:55 AM

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> 12 13

Authorized for release by Jill Kellmann, Client Service Manager Jill.Kellmann@et.eurofinsus.com (916)374-4402

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Definitions/Glossary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Job ID: 320-109804-1

Glossary		3
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	Δ
%R	Percent Recovery	
CFL	Contains Free Liquid	5
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	0
DLC	Decision Level Concentration (Radiochemistry)	δ
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	9
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	13
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	

Job ID: 320-109804-1

Eurofins Sacramento

Receipt

The samples were received on 2/19/2024 9:50 AM. 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 was 14.3° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): The container labels did not have a collection time listed. The samples were logged in per the COC. Batch #22755/Sample #1 (320-109804-1), Batch #22755/Sample #2 (320-109804-2) and Batch #22755/Sample #3 (320-109804-3).

LCMS

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

Organic Prep

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

Detection Summary

Detection Summary	1
Client: Target Technologies International Inc. Job ID: 320-109804-1 Project/Site: EOF, Infill	2
Client Sample ID: Batch #22755/Sample #1 Lab Sample ID: 320-109804-1	3
No Detections.	
Client Sample ID: Batch #22755/Sample #2 Lab Sample ID: 320-109804-2	4
No Detections.	5
Client Sample ID: Batch #22755/Sample #3 Lab Sample ID: 320-109804-3	6
No Detections.	7
	8
	9
	10
	11
	12
	13

Client Sample Results

Job ID: 320-109804-1

able Organic Fluc	orine by Co	mbustic					
Result Qualifier		mbustic					
	PI			iroma	tography		
	nL.	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ND	230		ug/Kg		02/29/24 10:40	03/01/24 07:20	1
5/Sample #2				La	b Sample	ID: 320-109	804-2
						Matrix	c: Solid
	orine by Co RL			1roma	tography Prepared	Analyzed	Dil Fac
ND	250		ug/Kg		04/03/24 11:25	04/04/24 18:52	1
5/Sample #3				La	b Sample	ID: 320-109	804-3
-					-	Matrix	c: Solid
able Organic Flue	orine by Co	mbustio	on Ion Cl	۱roma	tography		
Result Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
	Result Qualifier ND 5/Sample #3	table Organic Fluorine by Co Result Qualifier RL ND 250 5/Sample #3 table Organic Fluorine by Co	table Organic Fluorine by Combustic Result Qualifier RL MDL 250 5/Sample #3 table Organic Fluorine by Combustic	table Organic Fluorine by Combustion Ion Ch Result Qualifier RL MDL Unit ND 250 Unit ug/Kg 5/Sample #3 table Organic Fluorine by Combustion Ion Ch	table Organic Fluorine by Combustion Ion Chroma Result Qualifier RL MDL Unit D ND 250	Table Organic Fluorine by Combustion Ion Chromatography Result Qualifier MDL Unit D Prepared ND 250 ug/Kg 04/03/24 11:25 5/Sample #3 Lab Sample table Organic Fluorine by Combustion Ion Chromatography	Matrix Matrix table Organic Fluorine by Combustion Ion Chromatography Result Qualifier RL MDL Unit D Prepared Analyzed ND 250 320 0g/Kg 0/04/03/24 11:25 0/04/04/24 18:52 5/Sample #3 Lab Sample ID: 320-109 Matrix Matrix table Organic Fluorine by Combustion Ion Chromatography

QC Sample Results

Job ID: 320-109804-1

Method: CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography Lab Sample ID: MB 320-743556/1-B **Client Sample ID: Method Blank** Matrix: Solid Prep Type: Step 3 Analysis Batch: 743938 Prep Batch: 743556 MB MB **Result Qualifier** RL MDL Unit Analyzed Dil Fac Analyte D Prepared 250 02/29/24 10:40 03/01/24 03:23 Extractable Organic Fluorine (EOF) ND ug/Kg 1 Lab Sample ID: LCS 320-743556/2-B **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Step 3 Prep Batch: 743556 Analysis Batch: 743938 Spike LCS LCS %Rec Analyte Added **Result Qualifier** Unit D %Rec Limits 5070 5150 50 - 150 Extractable Organic Fluorine ug/Kg 102 (EOF) Lab Sample ID: LCSD 320-743556/3-B **Client Sample ID: Lab Control Sample Dup** Matrix: Solid Prep Type: Step 3 Analysis Batch: 743938 Prep Batch: 743556 LCSD LCSD Spike %Rec RPD Added **Result Qualifier** Limit Analyte Unit D %Rec Limits RPD Extractable Organic Fluorine 5070 5270 ug/Kg 104 50 - 150 2 20 (EOF) Lab Sample ID: MB 320-752048/1-B **Client Sample ID: Method Blank** Matrix: Solid Prep Type: Step 3 Analysis Batch: 752648 **Prep Batch: 752048** MB MB Analyte **Result Qualifier** RL MDL Unit Analyzed D Prepared Dil Fac Extractable Organic Fluorine (EOF) ND 250 ug/Kg 04/03/24 11:25 04/04/24 17:33 Lab Sample ID: LCS 320-752048/2-B **Client Sample ID: Lab Control Sample** Matrix: Solid Prep Type: Step 3 Analysis Batch: 752648 Prep Batch: 752048 LCS LCS Spike %Rec Added Analyte **Result Qualifier** Unit D %Rec Limits 5070 4820 95 50 - 150 Extractable Organic Fluorine ug/Kg (EOF) Lab Sample ID: LCSD 320-752048/3-B **Client Sample ID: Lab Control Sample Dup** Matrix: Solid Prep Type: Step 3 Prep Batch: 752048 Analysis Batch: 752648 Spike LCSD LCSD %Rec RPD Analyte Added **Result Qualifier** Unit D %Rec Limits RPD Limit 5070 4780 94 50 - 150 20 Extractable Organic Fluorine ug/Kg 1

(EOF)

Eurofins Sacramento

QC Association Summary

Prep Type

Total/NA

Step 3 Step 3

Step 3

Prep Type

Total/NA

Step 3

Step 3

Step 3

Matrix

Solid

Solid

Solid

Solid

Matrix

Solid

Solid

Solid

Solid

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Client Sample ID

Lab Control Sample

Client Sample ID

Lab Control Sample

Method Blank

Method Blank

Batch #22755/Sample #1

Lab Control Sample Dup

Batch #22755/Sample #1

Lab Control Sample Dup

Job ID: 320-109804-1

Prep Batch

Prep Batch

743556

743556

743556

743556

Method

EOF Prep

EOF Prep

EOF Prep

EOF Prep

Method

Split

Split

Split

Split

8

Analysis Batch: 743938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
320-109804-1	Batch #22755/Sample #1	Total/NA	Solid	CIC EOF	743909	
MB 320-743556/1-B	Method Blank	Step 3	Solid	CIC EOF	743909	
LCS 320-743556/2-B	Lab Control Sample	Step 3	Solid	CIC EOF	743909	
LCSD 320-743556/3-B	Lab Control Sample Dup	Step 3	Solid	CIC EOF	743909	

Prep Batch: 752048

LCMS

Prep Batch: 743556

MB 320-743556/1-B

LCS 320-743556/2-B

LCSD 320-743556/3-B

Cleanup Batch: 743909

Lab Sample ID

Lab Sample ID

MB 320-743556/1-B

LCS 320-743556/2-B

LCSD 320-743556/3-B

320-109804-1

320-109804-1

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109804-2	Batch #22755/Sample #2	Total/NA	Solid	EOF Prep	
320-109804-3	Batch #22755/Sample #3	Total/NA	Solid	EOF Prep	
MB 320-752048/1-B	Method Blank	Step 3	Solid	EOF Prep	
LCS 320-752048/2-B	Lab Control Sample	Step 3	Solid	EOF Prep	
LCSD 320-752048/3-B	Lab Control Sample Dup	Step 3	Solid	EOF Prep	

Cleanup Batch: 752646

Lab Sample ID 320-109804-2	Client Sample ID Batch #22755/Sample #2	Prep Type Total/NA	Matrix Solid	Method Split	Prep Batch 752048
320-109804-3	Batch #22755/Sample #3	Total/NA	Solid	Split	752048
MB 320-752048/1-B	Method Blank	Step 3	Solid	Split	752048
LCS 320-752048/2-B	Lab Control Sample	Step 3	Solid	Split	752048
LCSD 320-752048/3-B	Lab Control Sample Dup	Step 3	Solid	Split	752048

Analysis Batch: 752648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109804-2	Batch #22755/Sample #2	Total/NA	Solid	CIC EOF	752646
320-109804-3	Batch #22755/Sample #3	Total/NA	Solid	CIC EOF	752646
MB 320-752048/1-B	Method Blank	Step 3	Solid	CIC EOF	752646
LCS 320-752048/2-B	Lab Control Sample	Step 3	Solid	CIC EOF	752646
LCSD 320-752048/3-B	Lab Control Sample Dup	Step 3	Solid	CIC EOF	752646

Lab Sample ID: 320-109804-1 Matrix: Solid

Matrix: Solid

Matrix: Solid

Client Sample ID: Batch #22755/Sample #1 Date Collected: 01/26/24 10:00 Date Received: 02/19/24 09:50

_	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.09 g	5.0 mL	743556	02/29/24 10:40	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	743909	02/29/24 14:00	JCB	EET SAC
Total/NA	Analysis	CIC EOF		1			743938	03/01/24 07:20	JCB	EET SAC

Client Sample ID: Batch #22755/Sample #2 Date Collected: 01/26/24 11:00 Date Received: 02/19/24 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.01 g	5 mL	752048	04/03/24 11:25	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	752646	04/03/24 15:15	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752648	04/04/24 18:52	JCB	EET SAC

Client Sample ID: Batch #22755/Sample #3 Date Collected: 01/26/24 12:00 Date Received: 02/19/24 09:50

Lab Sample ID: 320-109804-3 Matrix: Solid

Lab Sample ID: 320-109804-2

Ргер Туре	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.06 g	5 mL	752048	04/03/24 11:25	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	752646	04/03/24 15:15	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752648	04/04/24 19:18	JCB	EET SAC

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill Job ID: 320-109804-1

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Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	01-20-27
ANAB	Dept. of Energy	L2468.01	01-20-27
ANAB	ISO/IEC 17025	L2468	01-20-27
Arizona	State	AZ0708	08-11-24
Arkansas DEQ	State	88-0691	05-18-24
California	State	2897	01-31-26
Colorado	State	CA00044	08-31-24
orida	NELAP	E87570	06-30-24
Seorgia	State	4040	01-29-25
lawaii	State	Eurofins Sacramento	01-29-25
inois	NELAP	200060	03-31-25
ansas	NELAP	E-10375	10-31-24
uisiana	NELAP	01944	06-30-24
uisiana (All)	NELAP	01944	06-30-24
aine	State	CA00004	04-14-24
chigan	State	9947	01-29-25
vada	State	CA00044	07-31-24
w Hampshire	NELAP	2997	04-18-24
w Jersey	NELAP	CA005	06-30-24
w York	NELAP	11666	04-01-25
io	State	41252	01-29-25
egon	NELAP	4040	01-29-25
xas	NELAP	T104704399-23-17	05-31-24
S Fish & Wildlife	US Federal Programs	A22139	04-30-24
SDA	US Federal Programs	P330-18-00239	02-28-26
ah	NELAP	CA000442023-16	02-28-25
ginia	NELAP	460278	03-14-25
ashington	State	C581	05-05-24
est Virginia (DW)	State	9930C	01-31-25
lisconsin	State	998204680	08-31-24
/yoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Method	Method Description	Protocol	Laboratory
CIC EOF	Extractable Organic Fluorine by Combustion Ion Chromatography	Lab SOP	EET SAC
EOF Prep	Preparation, Extractable Organic Fluorine	Lab SOP	EET SAC
Split	CIC - EOF Split	Lab SOP	EET SAC

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins Sacramento

Sample Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
320-109804-1	Batch #22755/Sample #1	Solid	01/26/24 10:00	02/19/24 09:50
320-109804-2	Batch #22755/Sample #2	Solid	01/26/24 11:00	02/19/24 09:50
320-109804-3	Batch #22755/Sample #3	Solid	01/26/24 12:00	02/19/24 09:50

Client ContactProject Manager: $J Laylk$ Company NameTarget Techniclogics when Two Kis buryAddress $g \in 5 3.5$ Eastlake $D \circ i \lor e$ Address $g \in 5.3.5$ Eastlake $D \circ i \lor e$ Cuty/State/Zip $B urn ach y, B \in \sqrt{5.9}$ $T = 100000000000000000000000000000000000$			RCRA Other		TAL-8210
Name Target Technelogics wher Inc TellEm S \$535 Eastlake Drive atelZIP Burnaby Bc V5A 477 Ca Eot+ 421-3620 Name Pro-Nax 377PE Eof Analysi	Project Manager: געאאאאל	900	Site Contact:	Date:	Ĺ
ate/Zp Burnaby, 3c V5A 477 Са te/Zp Burnaby, 3c V5A 477 Са Cot-t21-3620 Name Pro-Nax 37 TPE Eof Analys,		ounty.	Lab Contact:	Carrier:	Samular
604-421-3620 Name Pro-Mary 51					For Lab Use Only:
Eof Analy S.	from E		(N		Walk-In Client
COL HWALY ON	2 weeks				Lab Sampling
] 1 week] 2 days				Job / SDG No
Sample Sample	Sample C=Comp.	jo #	Ifered Sam SM more EC E		
			a		
Batch # LL top /sample # 1	20 10200 G	50/14 T			
N # 22 43 > / Sample # 2	5 0011	1 10/10/			
Batch # 22755 / Sample # 3 101-26	12.00 (5	Scolid I	>>		
			320-109804 Chain of Custody	n of Custody	
Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other	H; 6= Other				
Possible Hazard Identification:			1	oe assessed if samples are	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Are any samples from a listed EFA hazaroous waste? Frease List any Comments Section if the lab is to dispose of the sample	riease List any EFA waste codes for the sample in the	ום אמוזוטופ ווו נוופ			
Non-Hazard Elammable Skin Irritant Doison B	ison B Unknown	un	Return to Client	Disposal by Lab	Archive forMonths
Special Instructions/QC Requirements & Comments:				. 4.4	
s Intact. 🗌 Yes 🗌 No	Custody Seal No .		ooler Temp (°C)	Obsid / 7. Scorrid	145 Therm ID No Car X
Reinquished by Company	IIX COMPOUNDS	Date/Time 2ヶ2ムーー(2	6 Received by	Company EEF 200	Date/Time 211917 9 0950
Relinquished by	Iny	Date/Time	Received by	Company	Date/Time
OR Relinquished by Company	any	Date/Time	Received in Laboratory by	Company	Date/Time

🔅 eurofins

Job:

Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Loc: 320 109804

Tracking # : <u>12662</u>	F53040267.531
---------------------------	---------------

SO / PO / FO / SAT / 2-Day / Ground / PS CDO / Courier GSL / OnTrac / Goldstreak / USPS / Other_____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC.

Therm. ID: Corr. Factor: Ice Wet Gel Cooler Custody Seal: Cooler ID:	_ Othe	r		Notes:
Temp Observed: <u>14,3</u> °C Correc From: Temp Blank D Sam	ted: <u> </u> ple D	ч.3	_°C	~~
Opening/Processing The Shipment Cooler compromised/tampered with? Cooler Temperature is acceptable? Frozen samples show signs of thaw? Initials: Date:	<u>Yes</u>			
Unpacking/Labeling The Samples Containers are not broken or leaking? Samples compromised/tampered with? COC is complete w/o discrepancies Sample custody seal?	Yes Ø D Ø	No D D D D		 Trizma Lot #(s):
Sample containers have legible labels? Sample date/times are provided? Appropriate containers are used? Sample bottles are completely filled?	g g g g g			Ammonium Acetate Lot #(s):
Sample preservatives verified? Is the Field Sampler's name on COC? Samples w/o discrepancies? Zero headspace?*		D M D D	2 0 0 2	
Alkalinity has no headspace? Perchlorate has headspace? (Methods 314, 331, 6850)			₽´ ₽´	Login Completion Yes No NA Réceipt Temperature on COC? Image: Completion Image: Completion NCM Filed? Image: Completion Image: Completion
Multiphasic samples are not present?	Ø	D		Samples received within hold time? Log Release checked in TALS?
*Containers requiring zero headspace have no headspace Initials: <u>MM</u> Date: <u>2119124</u>	e, or bubb	'e < 6 mm	(1/4")	Initials: <u>MV</u> Date: 2119124

Î

Login Sample Receipt Checklist

Client: Target Technologies International Inc.

Login Number: 109804 List Number: 1 Creator: Yabut, Martina V

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

Job Number: 320-109804-1

List Source: Eurofins Sacramento



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Nadia Minato Target Technologies International Inc. 8535 Eastlake Drive Burnaby, British Columbia V5A 4T7 Generated 4/10/2024 7:59:26 AM

JOB DESCRIPTION

EOF, Infill

JOB NUMBER

320-109805-1

Eurofins Sacramento 880 Riverside Parkway West Sacramento CA 95605







Eurofins Sacramento

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 Environment Testing Northern California, LLC Project Manager.

Authorization

11 Kellmann)

Generated 4/10/2024 7:59:26 AM

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Authorized for release by Jill Kellmann, Client Service Manager Jill.Kellmann@et.eurofinsus.com (916)374-4402

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Definitions/Glossary

Client: Target Technologies International Inc. Project/Site: EOF, Infill Job ID: 320-109805-1

	3
These commonly used abbreviations may or may not be present in this report.	3
Listed under the "D" column to designate that the result is reported on a dry weight basis	
Percent Recovery	
Contains Free Liquid	5
Colony Forming Unit	5
Contains No Free Liquid	
Duplicate Error Ratio (normalized absolute difference)	
Dilution Factor	
Detection Limit (DoD/DOE)	
Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample	
Decision Level Concentration (Radiochemistry)	8
Estimated Detection Limit (Dioxin)	
Limit of Detection (DoD/DOE)	9
Limit of Quantitation (DoD/DOE)	
EPA recommended "Maximum Contaminant Level"	
Minimum Detectable Activity (Radiochemistry)	
Minimum Detectable Concentration (Radiochemistry)	
Method Detection Limit	
Minimum Level (Dioxin)	
Most Probable Number	
Method Quantitation Limit	
Not Calculated	Te
Not Detected at the reporting limit (or MDL or EDL if shown)	
Negative / Absent	
Positive / Present	
Practical Quantitation Limit	
Presumptive	
Quality Control	
Relative Error Ratio (Radiochemistry)	
Reporting Limit or Requested Limit (Radiochemistry)	
Relative Percent Difference, a measure of the relative difference between two points	
Toxicity Equivalent Factor (Dioxin)	
Too Numerous To Count	
	Listed under the "D" column to designate that the result is reported on a dry weight basis Percent Recovery Contains Free Liquid Colony Forming Unit Contains No Free Liquid Duplicate Error Ratio (normalized absolute difference) Dilution Factor Detection Limit (DoD/DOE) Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample Decision Level Concentration (Radiochemistry) Estimated Detection Limit (DioXin) Limit of Detection (DoD/DOE) Limit of Detection (DoD/DOE) Limit of Detection (DoD/DOE) Extimated Detection Limit (DioXin) Limit of Detection (DoD/DOE) Limit of Detection (DoD/DOE) Limit of Detection Limit (DioXin) Minimum Detectable Activity (Radiochemistry) Minimum Detectable Activity (Radiochemistry) Minimum Detectable Concentration (Radiochemistry) Moti Detection Limit Not Calculated Not Detected at the reporting limit (or MDL or EDL if shown) Negative / Absent Present (Radiochemistry) Relative Percent Difference, a measure of the relative difference between two points Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Cautor (Doxin)

Eurofins Sacramento

Job ID: 320-109805-1

Receipt

The samples were received on 2/19/2024 9:50 AM. 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 was 14.3° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): The container labels did not have a collection time listed. The samples were logged in per the COC. Batch #22746/Sample #1 (320-109805-1), Batch #22746/Sample #2 (320-109805-2) and Batch #22746/Sample #3 (320-109805-3).

LCMS

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

Organic Prep

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

Detection Summary

Detection Summary	1
Client: Target Technologies International Inc. Job ID: 320-109805-1 Project/Site: EOF, Infill	2
Client Sample ID: Batch #22746/Sample #1 Lab Sample ID: 320-109805-1	3
No Detections.	
Client Sample ID: Batch #22746/Sample #2 Lab Sample ID: 320-109805-2	4
No Detections.	5
Client Sample ID: Batch #22746/Sample #3 Lab Sample ID: 320-109805-3	6
No Detections.	7
	8
	9
	10
	11
	13

Client Sample Results

Job ID: 320-109805-1

Date Collected: 01/26/24 13:00 Date Received: 02/19/24 09:50	2746/Sample #1				La	b Sample	ID: 320-109 Matrix	9805-1 k: Solid
_ Method: Lab SOP CIC EOF - Ext	tractable Organic Fluc	orine by Co	mbustio	on Ion Cl	nroma	tography		
Analyte	Result Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Extractable Organic Fluorine (EOF)	ND	230		ug/Kg		04/03/24 11:25	04/04/24 19:44	1
Client Sample ID: Batch #22	2746/Sample #2				La	b Sample	ID: 320-109	9805-2
Date Collected: 01/26/24 14:00								k: Solid
Date Received: 02/19/24 09:50								
-								
Method: Lab SOP CIC EOF - Ext Analyte	tractable Organic Fluc Result Qualifier	orine by Co RL		o <mark>n Ion CI</mark> Unit	nroma D	tography Prepared	Analyzed	Dil Fac
Method: Lab SOP CIC EOF - Ext	· · · · · · · · · · · · · · · · · · ·					· · ·	Analyzed 04/04/24 20:11	Dil Fac
Method: Lab SOP CIC EOF - Ext Analyte	Result Qualifier	RL		Unit	<u>D</u>	Prepared 04/03/24 11:25		1
Method: Lab SOP CIC EOF - Ext Analyte Extractable Organic Fluorine (EOF)	Result Qualifier	RL		Unit	<u>D</u>	Prepared 04/03/24 11:25	04/04/24 20:11	1
Method: Lab SOP CIC EOF - Ext Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #22	Result Qualifier	RL		Unit	<u>D</u>	Prepared 04/03/24 11:25	04/04/24 20:11	1 9805-3
Method: Lab SOP CIC EOF - Ext Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #22 Date Collected: 01/26/24 15:00 Date Received: 02/19/24 09:50	Result Qualifier	<u>RL</u> 240	MDL	Unit ug/Kg	D La	Prepared 04/03/24 11:25 b Sample	04/04/24 20:11	1 9805-3
Method: Lab SOP CIC EOF - Ext Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #22 Date Collected: 01/26/24 15:00	Result Qualifier	<u>RL</u> 240	MDL	Unit ug/Kg	D La	Prepared 04/03/24 11:25 b Sample	04/04/24 20:11	1 9805-3

QC Sample Results

Job ID: 320-109805-1

Method: CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography

Lab Sample ID: MB 320-752048/ Matrix: Solid Analysis Batch: 752648	' 1-В МВ	МВ								Clie	ent Samp	ole ID: Mo Prep ⁻ Prep Ba	Гуре: \$	Step 3
Analyte	Result	Qualifier		RL	1	MDL	Unit		D	Ρ	repared	Analyz	ed	Dil Fac
Extractable Organic Fluorine (EOF)	ND			250			ug/Kg		_	04/0	3/24 11:25	04/04/24	17:33	1
Lab Sample ID: LCS 320-752048	3/2-B							Clie	ent	Sar	nple ID:	Lab Con	trol Sa	ample
Matrix: Solid												Prep ⁻	Гуре: \$	Step 3
Analysis Batch: 752648												Prep Ba	tch: 7	52048
-			Spike		LCS	LCS						%Rec		
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits		
Extractable Organic Fluorine (EOF)			5070		4820			ug/Kg			95	50 - 150		
Lab Sample ID: LCSD 320-75204	48/3-B						C	lient S	am	ple	ID: Lab	Control	Sampl	e Dup
Matrix: Solid												Prep ⁻	Гуре: \$	Step 3
Analysis Batch: 752648												Prep Ba	tch: 7	52048
			Spike		LCSD	LCS	D					%Rec		RPD
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits	RPD	Limit
Extractable Organic Fluorine			5070		4780			ug/Kg		_	94	50 - 150	1	20
(EOF)														

Eurofins Sacramento

Client: Target Technologies International Inc. Project/Site: EOF, Infill

LCMS

Prep Batch: 752048

LCS 320-752048/2-B

LCSD 320-752048/3-B

Lab Control Sample

Lab Control Sample Dup

Job ID: 320-109805-1

752646

752646

Lab Sample ID	Client Sample ID	Ргер Туре	Matrix	Method	Prep Batch	
320-109805-1	Batch #22746/Sample #1	Total/NA	Solid	EOF Prep		5
320-109805-2	Batch #22746/Sample #2	Total/NA	Solid	EOF Prep		J
320-109805-3	Batch #22746/Sample #3	Total/NA	Solid	EOF Prep		
MB 320-752048/1-B	Method Blank	Step 3	Solid	EOF Prep		
LCS 320-752048/2-B	Lab Control Sample	Step 3	Solid	EOF Prep		
LCSD 320-752048/3-B	Lab Control Sample Dup	Step 3	Solid	EOF Prep		
Cleanup Batch: 7526	46					8
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	
320-109805-1	Batch #22746/Sample #1	Total/NA	Solid	Split	752048	9
320-109805-2	Batch #22746/Sample #2	Total/NA	Solid	Split	752048	
320-109805-3	Batch #22746/Sample #3	Total/NA	Solid	Split	752048	
MB 320-752048/1-B	Method Blank	Step 3	Solid	Split	752048	
LCS 320-752048/2-B	Lab Control Sample	Step 3	Solid	Split	752048	
LCSD 320-752048/3-B	Lab Control Sample Dup	Step 3	Solid	Split	752048	
Analysis Batch: 7526	48					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch	4.0
320-109805-1	Batch #22746/Sample #1	Total/NA	Solid	CIC EOF	752646	13
320-109805-2	Batch #22746/Sample #2	Total/NA	Solid	CIC EOF	752646	
320-109805-3	Batch #22746/Sample #3	Total/NA	Solid	CIC EOF	752646	
MB 320-752048/1-B	Method Blank	Step 3	Solid	CIC EOF	752646	

Step 3

Step 3

Solid

Solid

CIC EOF

CIC EOF

Lab Sample ID: 320-109805-1 Matrix: Solid

Client Sample ID: Batch #22746/Sample #1 Date Collected: 01/26/24 13:00 Date Received: 02/19/24 09:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.07 g	5 mL	752048	04/03/24 11:25	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	752646	04/03/24 15:15	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752648	04/04/24 19:44	JCB	EET SAC

Client Sample ID: Batch #22746/Sample #2 Date Collected: 01/26/24 14:00 Date Received: 02/19/24 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.06 g	5 mL	752048	04/03/24 11:25	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	752646	04/03/24 15:15	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752648	04/04/24 20:11	JCB	EET SAC

Client Sample ID: Batch #22746/Sample #3 Date Collected: 01/26/24 15:00 Date Received: 02/19/24 09:50

Lab Sample ID: 320-109805-3 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.06 g	5 mL	752048	04/03/24 11:25	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	752646	04/03/24 15:15	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752648	04/04/24 20:37	JCB	EET SAC

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Lab Sample ID: 320-109805-2 Matrix: Solid 9

Accreditation/Certification Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill Job ID: 320-109805-1

10

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	01-20-27
ANAB	Dept. of Energy	L2468.01	01-20-27
ANAB	ISO/IEC 17025	L2468	01-20-27
Arizona	State	AZ0708	08-11-24
Arkansas DEQ	State	88-0691	05-18-24
California	State	2897	01-31-26
Colorado	State	CA00044	08-31-24
Florida	NELAP	E87570	06-30-24
Georgia	State	4040	01-29-25
Hawaii	State	Eurofins Sacramento	01-29-25
llinois	NELAP	200060	03-31-25
(ansas	NELAP	E-10375	10-31-24
ouisiana	NELAP	01944	06-30-24
ouisiana (All)	NELAP	01944	06-30-24
<i>l</i> laine	State	CA00004	04-14-24
lichigan	State	9947	01-29-25
evada	State	CA00044	07-31-24
ew Hampshire	NELAP	2997	04-18-24
ew Jersey	NELAP	CA005	06-30-24
ew York	NELAP	11666	04-01-25
)hio	State	41252	01-29-25
Dregon	NELAP	4040	01-29-25
exas	NELAP	T104704399-23-17	05-31-24
JS Fish & Wildlife	US Federal Programs	A22139	04-30-24
JSDA	US Federal Programs	P330-18-00239	02-28-26
ltah	NELAP	CA000442023-16	02-28-25
irginia	NELAP	460278	03-14-25
Vashington	State	C581	05-05-24
Vest Virginia (DW)	State	9930C	01-31-25
Visconsin	State	998204680	08-31-24
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Method	Method Description	Protocol	Laboratory
CIC EOF	Extractable Organic Fluorine by Combustion Ion Chromatography	Lab SOP	EET SAC
EOF Prep	Preparation, Extractable Organic Fluorine	Lab SOP	EET SAC
Split	CIC - EOF Split	Lab SOP	EET SAC

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins Sacramento

Sample Summary

Collected

Received

01/26/24 13:00 02/19/24 09:50

01/26/24 14:00 02/19/24 09:50

01/26/24 15:00 02/19/24 09:50

Matrix

Solid

Solid

Solid

Client: Target Technologies International Inc.

Client Sample ID

Batch #22746/Sample #1

Batch #22746/Sample #2

Batch #22746/Sample #3

Lab Sample ID

320-109805-1

320-109805-2

320-109805-3

Ļ	5
	3
)
1	2
	3

to		Chain c	Chain of Custody Record	721016	🐝 curofins Environment Testing
<u>West Sacramento CA 95605-1500</u> Pho <u>ne 916 373 5600 fax 303467</u> 7248 Regulatory Program	∿ordo +8 Regulatory Program: □Dw	W DDES	CRA Other		America TAL-8210
Client Contact	Project Manager. A Lawksburd	the L	*	Date	COC No
ologies. interinc	Tel/Email. jlanksbury @Kin	county.	Lab Contact.	Carrier [.]	🖌 of 🧭 COCs
Address 8535 Fastlake Drive	Analysis Turnaround Time	me			Sampler Earlighthe Only
ate/Zip		VG DAYS	(Walk-in Client
Phone 604 421 5620	IAI If different				
Project Name Pro Nax 37 TPF FOF Awalys	1 week	<u>N / A</u>			
Site P O #	2 days	/ 0141			Job / SDG No
	e Sample	1	егеd San rform MS E C E		
Sample Identification	Time G=Grab)	Matrix Cont.	IЭЧ		Sample Specific Notes
Batch # 22746 /Sample #1		Solid 1			
#27746 / Sample #2	14.00 G	Solid 1	 		
# 22746/Sample#3	15 00 G	Solid 1	 		
Pag					
e 1					
4 of					
16			320-109805 Chain of Custody	f Custody	
Preservation Used: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other	5=NaOH; 6= Other				
Possible Hazard Identification	Diasce I ist any EDA Waste Codes for the sample in the	s samole in the	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	e assessed if samples are	retained longer than 1 month)
	ספ רואו מווא רו ש משאנם הסתבא ומו וווי				
Non-Hazard Elammable Skin Irritant	Doison B	ľ	Return to Client	Disposal by Lab	Archive for Months
Special Instructions/QC Requirements & Comments					
Custody Seals Intact:	Custody Seal No		Cooler Temp (°C) Obs'd	H	Z Therm ID No Lug
Reinquished by	Felix compounds	Date/Time たっと나っつ\- 26	Received by	Company EETSoc	Date/Time 2119104 0950
Reinquished by	Company	Date/Time	Received by:	Company.	Date/Time
Reinquished by	Company ⁻	Date/Time	Received in Laboratory by:	Company	Date/Time
20 24				_	_

🔅 eurofins

Job

Loc 320 109805

Environment Testing

Sacramento Sample Receiving Notes (SSRN)

Tracking # 12662 FS30402675531

SO / PO / FO / SAT / 2-Day / Ground /UPS CDO / Courier

GSL / OnTrac / Goldstreak / USPS / Other_

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations. File in the job folder with the COC

Therm. ID [.] <u>Corr.</u> Corr. Factor Ice <u>Wet</u> Gel <u>Cooler Custody Seal:</u> <u>Cooler ID</u> [.] <u>Temp Observed:</u> <u>14,3</u> °C Correct	_ Othe	r		Notes: <u>146°C Sonder</u> <u>10 fime on consainer labela</u>
From. Temp Blank 🖓 Sam				·
Opening/Processing The Shipment Cooler compromised/tampered with? Cooler Temperature is acceptable? Frozen samples show signs of thaw? Initials: S Date. 211042	Yes D D	2 2 2 2 2		
Unpacking/Labeling The Samples Containers are not broken or leaking? Samples compromised/tampered with? COC is complete w/o discrepancies Sample custody seal? Sample containers have legible labels? Sample date/times are provided? Appropriate containers are used? Sample bottles are completely filled? Sample preservatives verified? Is the Field Sampler's name on COC?	<u>کور</u> کور کور کور کور کور کور کور کور کور کور			Trizma Lot #(s) Ammonium Acetate Lot #(s). `
Samples w/o discrepancies? Zero headspace?*		er D	D Ø	
Alkalinity has no headspace?			₽ D∕	Login Completion <u>Yes</u> <u>No</u> <u>NA</u>
Perchlorate has headspace? (Methods 314, 331, 6850)			б	Receipt Temperature on COC? Receipt Temperature on COC? P NCM Filed? Image: Color of the second se
Multiphasic samples are not present?	đ			Samples received within hold time? 🖬 🗆 🗆 Log Release checked in TALS?
*Containers requiring zero headspace have no headspace	e, or bubb	ole < 6 mn	n (1/4")	
Initials: <u>MY</u> Date <u>2119 24</u>				Initials MY Date 2119124

Login Sample Receipt Checklist

Client: Target Technologies International Inc.

Login Number: 109805 List Number: 1 Creator: Yabut, Martina V

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

Job Number: 320-109805-1

List Source: Eurofins Sacramento



Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Nadia Minato Target Technologies International Inc. 8535 Eastlake Drive Burnaby, British Columbia V5A 4T7 Generated 4/10/2024 8:04:31 AM

JOB DESCRIPTION

EOF, Infill

JOB NUMBER

320-109806-1

Eurofins Sacramento 880 Riverside Parkway West Sacramento CA 95605







Eurofins Sacramento

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 Environment Testing Northern California, LLC Project Manager.

Authorization

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Generated 4/10/2024 8:04:31 AM

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Authorized for release by Jill Kellmann, Client Service Manager Jill.Kellmann@et.eurofinsus.com (916)374-4402

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Definitions/Glossary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Job ID: 320-109806-1

Glossary		3
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	Δ
%R	Percent Recovery	
CFL	Contains Free Liquid	5
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	0
DLC	Decision Level Concentration (Radiochemistry)	δ
EDL	Estimated Detection Limit (Dioxin)	
LOD	Limit of Detection (DoD/DOE)	9
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	13
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	

Job ID: 320-109806-1

Eurofins Sacramento

Receipt

The samples were received on 2/19/2024 9:50 AM. 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 was 14.3° C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): The container labels did not have a collection time listed. The samples were logged in per the COC. Batch #21020/Sample #1 (320-109806-1), Batch #21020/Sample #2 (320-109806-2) and Batch #21020/Sample #3 (320-109806-3).

LCMS

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

Organic Prep

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

Detection Summary

Detection Summary	1
Client: Target Technologies International Inc. Job ID: 320-109806-1 Project/Site: EOF, Infill	2
Client Sample ID: Batch #21020/Sample #1 Lab Sample ID: 320-109806-1	3
No Detections.	
Client Sample ID: Batch #21020/Sample #2 Lab Sample ID: 320-109806-2	4
No Detections.	5
Client Sample ID: Batch #21020/Sample #3 Lab Sample ID: 320-109806-3	6
No Detections.	7
	8
	9
	10
	11
	13

Client Sample Results

Job ID: 320-109806-1

Client Sample ID: Batch #2 ⁻		Lab Sample ID: 320-109806-1						
Date Collected: 01/26/24 10:00							Matrix	c: Solid
Date Received: 02/19/24 09:50								
_ Method: Lab SOP CIC EOF - Ex	tractable Organic Flue	orine by Co	mbustic	on Ion Cl	hroma	tography		
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Extractable Organic Fluorine (EOF)	ND	230		ug/Kg		03/12/24 11:26	04/03/24 22:23	1
Client Sample ID: Batch #2	1020/Sample #2				La	b Sample	ID: 320-109	9806-2
	-					-	Matrix	c: Solid
Date Collected: 01/26/24 11:00								
Date Collected: 01/26/24 11:00 Date Received: 02/19/24 09:50								
	tractable Organic Flue	orine by Co	mbustic	on Ion Cl	hroma	tography		
Date Received: 02/19/24 09:50	tractable Organic Fluc Result Qualifier	orine by Co RL	mbustic MDL		h roma D	<mark>tography</mark> Prepared	Analyzed	Dil Fac
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex	-	-						Dil Fac
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte	Result Qualifier	RL		Unit	<u> </u>	Prepared 03/12/24 11:26		1
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF)	Result Qualifier	RL		Unit	<u> </u>	Prepared 03/12/24 11:26	04/03/24 22:50	1
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #2	Result Qualifier	RL		Unit	<u> </u>	Prepared 03/12/24 11:26	04/03/24 22:50	1 9806-3
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #2 Date Collected: 01/26/24 12:00 Date Received: 02/19/24 09:50	Result Qualifier	RL	MDL	Unit ug/Kg	D La	Prepared 03/12/24 11:26 b Sample	04/03/24 22:50	1 9806-3
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #2 Date Collected: 01/26/24 12:00 Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex	Result Qualifier	RL	MDL	Unit ug/Kg on Ion Cl	D La	Prepared 03/12/24 11:26 b Sample tography	04/03/24 22:50	1 9806-3
Date Received: 02/19/24 09:50 Method: Lab SOP CIC EOF - Ex Analyte Extractable Organic Fluorine (EOF) Client Sample ID: Batch #2 Date Collected: 01/26/24 12:00 Date Received: 02/19/24 09:50	Result Qualifier ND 1020/Sample #3	RL 240	MDL	Unit ug/Kg on Ion Cl	P_ La	Prepared 03/12/24 11:26 b Sample	04/03/24 22:50 ID: 320-109 Matrix Analyzed	1 9806-3 k: Solid

QC Sample Results

Job ID: 320-109806-1

Method: CIC EOF - Extractable Organic Fluorine by Combustion Ion Chromatography

Lab Sample ID: MB 320-746276 Matrix: Solid Analysis Batch: 752356	6/1-B									Clie	nt Samp		Type:	Step 3
Analysis Baten. rezeee	МВ	мв										Пер В		
Analyte	Result	Qualifier		RL	I	MDL	Unit		D	Pi	repared	Analy	zed	Dil Fac
Extractable Organic Fluorine (EOF)	ND			250			ug/Kg	I	_	03/1	2/24 11:26	04/03/24	21:04	1
Lab Sample ID: LCS 320-74627 Matrix: Solid	′6/2-B							Cli	ent	Sar	nple ID:		ntrol S Type: 3	
Analysis Batch: 752356												Prep B	atch: 7	46276
			Spike		LCS	LCS	;					%Rec		
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits		
Extractable Organic Fluorine _(EOF)			5070		4710			ug/Kg		_	93	50 - 150		
Lab Sample ID: LCSD 320-7462	276/3-B						c	lient S	am	ple	ID: Lab			
Matrix: Solid													Type:	
Analysis Batch: 752356			_									Prep B	atch: 7	
			Spike		LCSD							%Rec		RPD
Analyte			Added		Result	Qua	lifier	Unit		D	%Rec	Limits	RPD	Limit
Extractable Organic Fluorine			5070		4670			ug/Kg			92	50 - 150	1	20

_(EOF)

Eurofins Sacramento

Prep Type

Total/NA

Total/NA

Total/NA

Step 3

Matrix

Solid

Solid

Solid

Solid

Solid

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Client Sample ID

Method Blank

Batch #21020/Sample #1

Batch #21020/Sample #2

Batch #21020/Sample #3

Lab Control Sample Dup

LCMS

Prep Batch: 746276

Lab Sample ID

320-109806-1

320-109806-2

320-109806-3

MB 320-746276/1-B

LCSD 320-746276/3-B

Job ID: 320-109806-1

Prep Batch

Method

EOF Prep

EOF Prep

EOF Prep

EOF Prep

CIC EOF

8 9 10

11 12 13

746593

LCS 320-746276/2-B	Lab Control Sample	Step 3	Solid	EOF Prep	
LCSD 320-746276/3-B	Lab Control Sample Dup	Step 3	Solid	EOF Prep	
Cleanup Batch: 7465	93				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109806-1	Batch #21020/Sample #1	Total/NA	Solid	Split	746276
320-109806-2	Batch #21020/Sample #2	Total/NA	Solid	Split	746276
320-109806-3	Batch #21020/Sample #3	Total/NA	Solid	Split	746276
MB 320-746276/1-B	Method Blank	Step 3	Solid	Split	746276
LCS 320-746276/2-B	Lab Control Sample	Step 3	Solid	Split	746276
LCSD 320-746276/3-B	Lab Control Sample Dup	Step 3	Solid	Split	746276
Analysis Batch: 7523	56				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
320-109806-1	Batch #21020/Sample #1	Total/NA	Solid	CIC EOF	746593
320-109806-2	Batch #21020/Sample #2	Total/NA	Solid	CIC EOF	746593
320-109806-3	Batch #21020/Sample #3	Total/NA	Solid	CIC EOF	746593
MB 320-746276/1-B	Method Blank	Step 3	Solid	CIC EOF	746593
LCS 320-746276/2-B	Lab Control Sample	Step 3	Solid	CIC EOF	746593

Step 3

Client Sample ID: Batch #21020/Sample #1 Date Collected: 01/26/24 10:00 Date Received: 02/19/24 09:50

Γ	Batch	Batch	_	Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.08 g	5 mL	746276	03/12/24 11:26	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	746593	03/13/24 11:48	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752356	04/03/24 22:23	JCB	EET SAC

Client Sample ID: Batch #21020/Sample #2 Date Collected: 01/26/24 11:00 Date Received: 02/19/24 09:50

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.05 g	5 mL	746276	03/12/24 11:26	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	746593	03/13/24 11:48	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752356	04/03/24 22:50	JCB	EET SAC

Client Sample ID: Batch #21020/Sample #3 Date Collected: 01/26/24 12:00 Date Received: 02/19/24 09:50

Lab Sample ID: 320-1098	06-3
Matrix: S	Solid

Ргер Туре	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EOF Prep			1.09 g	5 mL	746276	03/12/24 11:26	CFR	EET SAC
Total/NA	Cleanup	Split			2 mL	1 mL	746593	03/13/24 11:48	CFR	EET SAC
Total/NA	Analysis	CIC EOF		1			752356	04/03/24 23:16	JCB	EET SAC

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Matrix: Solid

Lab Sample ID: 320-109806-1 Matrix: Solid

Lab Sample ID: 320-109806-2

1 - 4 _ 5

Accreditation/Certification Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill Job ID: 320-109806-1

10

Laboratory: Eurofins Sacramento

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	17-020	02-20-27
ANAB	Dept. of Defense ELAP	L2468	01-20-27
ANAB	Dept. of Energy	L2468.01	01-20-27
ANAB	ISO/IEC 17025	L2468	01-20-27
Arizona	State	AZ0708	08-11-24
Arkansas DEQ	State	88-0691	05-18-24
California	State	2897	01-31-26
Colorado	State	CA00044	08-31-24
Florida	NELAP	E87570	06-30-24
Georgia	State	4040	01-29-25
Hawaii	State	Eurofins Sacramento	01-29-25
llinois	NELAP	200060	03-31-25
Kansas	NELAP	E-10375	10-31-24
ouisiana	NELAP	01944	06-30-24
ouisiana (All)	NELAP	01944	06-30-24
Maine	State	CA00004	04-14-24
/lichigan	State	9947	01-29-25
levada	State	CA00044	07-31-24
lew Hampshire	NELAP	2997	04-18-24
lew Jersey	NELAP	CA005	06-30-24
lew York	NELAP	11666	04-01-25
Dhio	State	41252	01-29-25
Dregon	NELAP	4040	01-29-25
exas	NELAP	T104704399-23-17	05-31-24
JS Fish & Wildlife	US Federal Programs	A22139	04-30-24
JSDA	US Federal Programs	P330-18-00239	02-28-26
Jtah	NELAP	CA000442023-16	02-28-25
/irginia	NELAP	460278	03-14-25
Vashington	State	C581	05-05-24
Vest Virginia (DW)	State	9930C	01-31-25
Wisconsin	State	998204680	08-31-24
Wyoming	State Program	8TMS-L	01-28-19 *

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Target Technologies International Inc. Project/Site: EOF, Infill

Method	Method Description	Protocol	Laboratory
CIC EOF	Extractable Organic Fluorine by Combustion Ion Chromatography	Lab SOP	EET SAC
EOF Prep	Preparation, Extractable Organic Fluorine	Lab SOP	EET SAC
Split	CIC - EOF Split	Lab SOP	EET SAC

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Eurofins Sacramento

Sample Summary

Matrix

Solid

Solid

Solid

Client: 7	Farget Technologie	es International Inc.
Project/	Site: EOF, Infill	

Client Sample ID

Batch #21020/Sample #1

Batch #21020/Sample #2

Batch #21020/Sample #3

Lab Sample ID

320-109806-1

320-109806-2

320-109806-3

Received

01/26/24 10:00 02/19/24 09:50

01/26/24 11:00 02/19/24 09:50

01/26/24 12:00 02/19/24 09:50

Collected

2
 3
4
5
6
7
8
9
10
11
12
13
14

Eurofins Sacramento 4/10/2024

International Statustical Statustic	Address rupotios sarona Entre		Chain of	t Custody Record	ST0TZ/	
3. A Construction of the cons	280 RIVERSIDE PARLAN					
Client Contract Client Contract Desc. Oco 06 Oco 06 Client Contract Chient Contract <td>SALEAMENTLICE 95605-15</td> <td>Regulatory Program:</td> <td></td> <td></td> <td></td> <td></td>	SALEAMENTLICE 95605-15	Regulatory Program:				
Control 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (Client Contact	roject Manager: J く みい	(client	e Contact:	Date:	No
• (Addition (Add	TECHNULOCIES ZNU	Tel/Email: SLAWKShurg EXKII	- yeu	b Contact:	Carrier:	of
¹ /2012 10: 12: 12: 12: 12: 12: 12: 12: 12: 12: 12	35 EASTLAKE DRIVE	Analysis Turnaround				Sampler
Instruction Type and a finite contract with the contract of the	Ite/ZIP BUENARY BC 15H 4T		KING DAYS			For Lab Use Only:
Thurth 1.3.1 Thurth 1.3.1<	004-421-30	TAT if different from Below				Walk-in Client
Sample formittation 3.46 Sample formittation 3.40 Sample formittation	act Name 220-MAY 37 796	30	(<u>N</u> /,			Lab Sampling
Semple learning 1 day]	<u>қ</u>) ә			Job / SDG No
Sample Identification Sample Specific Value	PO#	1 day	ldm			
# 210210 入 Su - 2(2 注 1 2(2 f) 10: 0: 2 2013 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Samule Identification	Sample Sample (c≂comp, Time G⊂comp,	# of Cont			Commolo Concession Meeting
# 21010/Sum2(E #2) 20% 1/1,01 2 3410 4 1 <t< td=""><td>1 Samolo #1</td><td>10.01</td><td>- -</td><td>3</td><td></td><td></td></t<>	1 Samolo #1	10.01	- -	3		
21010 10110 1011 1011 1011 1011 1011 1011 21210 1010 1011 1011 1011 1011 1011 1011 21210 1010 1011 1011 1011 1011 1011 1011 21210 1010 1011 1011 1011 1011 1011 1011 21210 1011 1011 1011 1011 1011 1011 1011 21210 1011 1011 1011 1011 1011 1011 1011 21210 1011 1011 1011 1011 1011 1011 1011 21210 1011 1011 1011 1011 1011 1011 21211 1011 1011 1011 1011 1011 21211 1011 1011 1011 1011 1011 2111 1011 1011 1011 1011 1011 2111 1011 1011 1011 1011 1011 2111 1011 1011 1011 1011 1011 2111 1011 1011 1011 1011 1011 2111 1011 <td></td> <td>0 0</td> <td></td> <td>, ₂</td> <td></td> <td></td>		0 0		, ₂		
# 21020 / Au.p? 21/2 12 <td< td=""><td># 1/0 m / 2 m / 1 / # /</td><td>// . // 6</td><td></td><td>5</td><td></td><td></td></td<>	# 1/0 m / 2 m / 1 / # /	// . // 6		5		
ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=HAO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5= HCi; 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= HCi; 3= H2SO4; 4=HNO3; 5=NaO(H; 5= Other ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= H, 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = lay, 2= H, 1 ai: 1 = lay, 2= HCi; 1 ai: 1 = Lay, 2= HCi; 1 ai: 1 = Lay, 2= HCi; 1 <t< td=""><td># 21020 / Sample # 3</td><td>12:00 6</td><td>1 01705</td><td>-</td><td></td><td></td></t<>	# 21020 / Sample # 3	12:00 6	1 01705	-		
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at: 1= lee, 2= HLC; 3= H2SO4; 4= HNO3; 5= StaOH; 6= Other 3:00,108006 Chain of Custooly at: 1= lee, 2= HLC; 3= H2SO4; 4= HNO3; 5= StaOH; 6= Other 3:00,108006 1	e-1					
dentification: Company Sano 100360 Chain of Custody dentification: Et : Flot; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Et : Flot; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other dentification: Et : Flot; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Et : Flot; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other dentification: Et : Flot; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other Et : Flot; 1= Flot;	4 of					
derification: Image: Selection in the second interval intervand interval interval intervand interval interval interval	16			320-109806 Cf	ain of Custody	
ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= HCl; 3= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 2= H2SO4; 4=HNO3; 5= Valent; ad: 1= lee, 1						
ed: 1= lee, 2= HCI; 3= H2SO4; 4=HVO3; 5=VaOH; 6= Other						
ed: 1= [ce, 2= HC]; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						
ed: 1= Ice, 2= HCI; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						
ad: 1=Loe, 2= HCI; 3= H3Co4; 4=HNO3; 5=NaOH; 6= Other						
Identification: Identification: Identification: Identification: from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample Intend EPA Hazardous Waste? Please List any EPA Waste Codes for the sample Image: Image	E (1	5=NaOH; 6= Other				
□ Flammable □ Skn Trrtant □ Polson B □ Unknown □ Return to Clert □ Disposal by Lab □ Archive for	Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please Comments Section if the lab is to dispose of the sample	e List any EPA Waste Codes for th	he sample in the	Sample Disposal (A fee ma	y be assessed if samples are r	etained longer than 1 month)
ons/QC Requirements & Comments:	Non-Hazard Elammable Skin Irritant		un	Return to Client		
Intact 「 ves 」 No Custody Seal No Cooler Temp (°C) Obsid 「V 3 Corrid 」 Y 3 Therm ID No Company Company Date/Time Received by Company Date/Time Company Company Date/Time Received by Company Date/Time Company Date/Time Received by Company Date/Time Company Date/Time Company Date/Time Received by Company Date/Time Date/Time Received in Laboratory by Company Date/Time Company Date/Time Received in Laboratory by Company Date/Time Received in Laboratory by Company Date/Time Company Date/Time Received in Laboratory by Company Date/Time Received in Laboratory by Company Date/Time Received in Laboratory by Company Date/Time Company Date/Time Received in Laboratory by Company Date/Time Company Date/Time Received in Laboratory by Company Company Company Company Company Company Company Company Company Compan	Special Instructions/QC Requirements & Comments:					
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202			Date/Time	Received in Laboratory by	Company	Date/Time
	202					

Chain of Custody Record 721019

🔅 eurofins

Environment Testing

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Sacramento Sample Receiving Notes (SSRN)

Loc: 320 109806 ✓ ★ Job: Use this form to record Sample Custody Seal, Coo File in the job folder with the COC.	ler Custoo	_ SO GS	ting # : <u>12662 F53040267.553</u> / PO / FO / SAT / 2-Day / Ground / UPS CDO / Courier L / OnTrac / Goldstreak / USPS / Other perature & corrected Temperature & other observations.
Therm. ID: Corr. Factor: (+ Ice Wet Gel C Cooler Custody Seal: Cooler ID: Temp Observed: <u>j 4, 3</u> °C Corrected From: Temp Blank D Sample	Dther	-	Notes: ICIL & C Somder CONTOINER IGBELS NOVE NO FIME
Opening/Processing The ShipmentYCooler compromised/tampered with?Cooler Temperature is acceptable?Frozen samples show signs of thaw?Initials: \sum Date:	<u>es No</u>		
Containers are not broken or leaking? Samples compromised/tampered with? COC is complete w/o discrepancies Sample custody seal?	es <u>No</u> na a na a na a na a na a na a na a na		Trizma Lot #(s):
Sample date/times are provided? Appropriate containers are used? Sample bottles are completely filled? Sample preservatives verified? Is the Field Sampler's name on COC?			Ammonium Acetate Lot #(s):
Zero headspace?* Alkalinity has no headspace? Perchlorate has headspace? (Methods 314, 331, 6850)		- Ø Ø	Login CompletionYesNoNAReceipt Temperature on COC?IIINCM Filed?IIISamples received within hold time?II
*Containers requinng zero headspace have no headspace, or Initials: IM Y Date: 2119124	r bubble < 6 i	mm (1/4")	Initials: MY Date: 2119129

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Login Sample Receipt Checklist

Client: Target Technologies International Inc.

Login Number: 109806 List Number: 1 Creator: Yabut, Martina V

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

Job Number: 320-109806-1

List Source: Eurofins Sacramento



Department of Natural Resources and Parks Water and Land Resources Division

Environmental Laboratory

LAB-NR0100 322 West Ewing Street Seattle, WA 98119-1507 206-477-7200 Fax 206-684-2395 TTY Relay: 711

December 18, 2024

Jennifer Lanksbury 201 S Jackson Street, Suite 5600 Seattle, WA 98104

Dear Jennifer Lanksbury,

Enclosed are the results for fifteen synthetic precipitation leaching procedure (SPLP) extracts and one extraction blank. The SPLP extracts were prepared by Analytical Resources LLC (ARI) on February 19, 2024 and received by the King County Environmental Lab on February 21, 2024. The extracts were prepared using fifteen samples of TPE Pro-Max 37[™] (TPE) turf infill that were extracted according to EPA SW-846 method 1312.

KCEL Sample ID	Client Sample ID	ARI Sample ID
L83333-1	Batch 22755, Sample 1	24B0327-01 A
L83333-2	Batch 22746, Sample 1	24B0327-02 A
L83333-3	Batch 22669, Sample 1	24B0327-03 A
L83333-4	Batch 22659, Sample 1	24B0327-04 A
L83333-5	Batch 21020, Sample 1	24B0327-05 A
L83333-6	Batch 22755, Sample 2	24B0327-06 A
L83333-7	Batch 22746, Sample 2	24B0327-07 A
L83333-8	Batch 22669, Sample 2	24B0327-08 A
L83333-9	Batch 22659, Sample 2	24B0327-09 A
L83333-10	Batch 21020, Sample 2	24B0327-10 A
L83333-11	Batch 22755, Sample 3	24B0327-11 A
L83333-12	Batch 22746, Sample 3	24B0327-12 A
L83333-13	Batch 22669, Sample 3	24B0327-13 A
L83333-14	Batch 22659, Sample 3	24B0327-14 A
L83333-15	Batch 21020, Sample 3	24B0327-15 A
L83333-16	n/a	BMB0489-BLK1 (QC blank) [*]

* ARI's SPLP extraction blank

The SPLP extracted samples were analyzed for 6-PPDQ. All QC results for samples included in this report were within laboratory limits.

This package includes sample data, laboratory Quality Control data, and copies of sample receipt and chain of custody records.

Please feel free to call me at 206-477-7158 should you have questions regarding the results.

Sincerely,

Susannah Rowles Laboratory Project Manager

	Project:	421195-690				Project:	421195-690				Project:	421195-690			
	Locator:	NONE				Locator:	NONE				Locator:	NONE			
	Descrip:	UNKNOWN LO	CATOR			Descrip:	UNKNOWN L	OCATOR			Descrip:	UNKNOWN L	OCATOR		
	Sample:	L83333-1				Sample:	L83333-2				Sample:	L83333-3			
	Matrix:	LA OTHR WT	र			Matrix:	LA OTHR WT	R			Matrix:	LA OTHR WT	R		
	ColDate:	2/19/24 7:08				ColDate:	2/19/24 7:08				ColDate:	2/19/24 7:08			
	ClientLoc:	Batch 22755, S	Sample 1			ClientLoc:	Batch 22746,	Sample 1			ClientLoc:	Batch 22669,	Sample 1		
	WET Weigh	t Basis				WET Weigh	t Basis				WET Weigh	t Basis			
Parameters	Valu	e Qual	MDL	RDL	Units	Value	e Qual	MDL	RDL	Units	Value	e Qual	MDL	RDL	Units
AQ KCEL SOP 4077: 6PPDQ by LCMS															
6ppd-quinone		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<></td></mdl<></td></mdl<>	0.002	0.01	ug/L		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<></td></mdl<>	0.002	0.01	ug/L		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<>	0.002	0.01	ug/L
ES NONE															
Client Locator	Batch 22755	5, Sample 1			none	Batch 22746	s, Sample 1			none	Batch 22669	, Sample 1			none

	Project:	421195-690				Project:	421195-690				Project:	421195-690			II
	Locator:	NONE				Locator:	NONE				Locator:	NONE			
	Descrip:	UNKNOWN LO	CATOR			Descrip:	UNKNOWN L	OCATOR			Descrip:	UNKNOWN L	OCATOR		
	Sample:	L83333-4				Sample:	L83333-5				Sample:	L83333-6			
	Matrix:	LA OTHR WT	र			Matrix:	LA OTHR WT	R			Matrix:	LA OTHR WT	R		
	ColDate:	2/19/24 7:08				ColDate:	2/19/24 7:08				ColDate:	2/19/24 7:08			
	ClientLoc:	Batch 22659, S	Sample 1			ClientLoc:	Batch 21020, 3	Sample 1			ClientLoc:	Batch 22755,	Sample 2		
	WET Weigh	t Basis				WET Weigh	t Basis				WET Weight	Basis			
Parameters	Value	e Qual	MDL	RDL	Units	Value	e Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
AQ KCEL SOP 4077: 6PPDQ by LCMS															
6ppd-quinone		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td>0.0031</td><td><rdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></rdl<></td></mdl<></td></mdl<>	0.002	0.01	ug/L		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td>0.0031</td><td><rdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></rdl<></td></mdl<>	0.002	0.01	ug/L	0.0031	<rdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></rdl<>	0.002	0.01	ug/L
ES NONE															
Client Locator	Batch 22659), Sample 1			none	Batch 21020), Sample 1			none	Batch 22755,	Sample 2			none

	Locator: Descrip: Sample: Matrix: ColDate:	421195-690 NONE UNKNOWN LC L83333-7 LA OTHR WTF 2/19/24 7:08 Batch 22746, S Basis				Project: Locator: Descrip: Sample: Matrix: ColDate: ClientLoc: WET Weigh	421195-690 NONE UNKNOWN LC L83333-8 LA OTHR WTF 2/19/24 7:08 Batch 22669, S t Basis	2			Project: Locator: Descrip: Sample: Matrix: ColDate: ClientLoc: WET Weight	421195-690 NONE UNKNOWN LC L83333-9 LA OTHR WTF 2/19/24 7:08 Batch 22659, S Basis	2		
Parameters AQ KCEL SOP 4077: 6PPDQ by LCMS	Value	Qual	MDL	RDL	Units	Value	e Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
6ppd-quinone	0.0022	<rdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td>0.0023</td><td><rdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></rdl<></td></mdl<></td></rdl<>	0.002	0.01	ug/L		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td>0.0023</td><td><rdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></rdl<></td></mdl<>	0.002	0.01	ug/L	0.0023	<rdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></rdl<>	0.002	0.01	ug/L
ES NONE															
Client Locator	Batch 22746,	Sample 2			none	Batch 22669), Sample 2			none	Batch 22659,	Sample 2			none

	Project: Locator: Descrip: Sample: Matrix: ColDate: ClientLoc: WET Weight	421195-690 NONE UNKNOWN LC L83333-10 LA OTHR WTF 2/19/24 7:08 Batch 21020, S Basis	2			Project: Locator: Descrip: Sample: Matrix: ColDate: ClientLoc: WET Weigh	421195-690 NONE UNKNOWN LC L83333-11 LA OTHR WTF 2/19/24 7:08 Batch 22755, S t Basis	2			ColDate:	421195-690 NONE UNKNOWN LC L83333-12 LA OTHR WTF 2/19/24 7:08 Batch 22746, S Basis	2		
Parameters AQ KCEL SOP 4077: 6PPDQ by LCMS	Value	Qual	MDL	RDL	Units	Valu	e Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
6ppd-quinone		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<></td></mdl<></td></mdl<>	0.002	0.01	ug/L		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<></td></mdl<>	0.002	0.01	ug/L		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<>	0.002	0.01	ug/L
ES NONE															
Client Locator	Batch 21020,	Sample 2			none	Batch 22755	5, Sample 3			none	Batch 22746,	Sample 3			none

	Project: Locator: Descrip: Sample: Matrix: ColDate: ClientLoc: WET Weight	421195-690 NONE UNKNOWN LC L83333-13 LA OTHR WTF 2/19/24 7:08 Batch 22669, S Basis	R			Project: Locator: Descrip: Sample: Matrix: ColDate: ClientLoc: WET Weigh	421195-690 NONE UNKNOWN LC L83333-14 LA OTHR WTF 2/19/24 7:08 Batch 22659, S t Basis	2			ColDate:	421195-690 NONE UNKNOWN LC L83333-15 LA OTHR WTF 2/19/24 7:08 Batch 21020, S Basis	2		
Parameters AQ KCEL SOP 4077: 6PPDQ by LCMS	Value	Qual	MDL	RDL	Units	Value	e Qual	MDL	RDL	Units	Value	Qual	MDL	RDL	Units
6ppd-quinone		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<></td></mdl<></td></mdl<>	0.002	0.01	ug/L		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td><td></td><td><mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<></td></mdl<>	0.002	0.01	ug/L		<mdl< td=""><td>0.002</td><td>0.01</td><td>ug/L</td></mdl<>	0.002	0.01	ug/L
ES NONE															
Client Locator	Batch 22669,	Sample 3			none	Batch 22659), Sample 3			none	Batch 21020,	Sample 3			none

none

	Project: Locator: Descrip: Sample: Matrix: ColDate: ClientLoc: WET Weigh	421195-690 NONE UNKNOWN LC L83333-16 LA OTHR WTF 2/19/24 7:08 ARI SPLP Extra t Basis	R	k	
Parameters AQ KCEL SOP 4077: 6PPDQ by LCMS	Valu	e Qual	MDL	RDL	Units
6ppd-quinone		<mdl< th=""><th>0.002</th><th>0.01</th><th>ug/L</th></mdl<>	0.002	0.01	ug/L
ES NONE					-

Client Locator

ARI SPLP Extraction Blank

Owner:	SEEDPAK
Matrix Class:	LIQUID
User select:	WET Weight Basis

				6ppd-quinone
LOCATOR	PROJECT	SAMPLE	COLLECTED	ug/L
NONE	421195-690	L83333-1	2/19/2024 7:08	
NONE	421195-690	L83333-2	2/19/2024 7:08	
NONE	421195-690	L83333-3	2/19/2024 7:08	
NONE	421195-690	L83333-4	2/19/2024 7:08	
NONE	421195-690	L83333-5	2/19/2024 7:08	
NONE	421195-690	L83333-6	2/19/2024 7:08	0.0031
NONE	421195-690	L83333-7	2/19/2024 7:08	0.0022
NONE	421195-690	L83333-8	2/19/2024 7:08	
NONE	421195-690	L83333-9	2/19/2024 7:08	0.0023
NONE	421195-690	L83333-10	2/19/2024 7:08	
NONE	421195-690	L83333-11	2/19/2024 7:08	
NONE	421195-690	L83333-12	2/19/2024 7:08	
NONE	421195-690	L83333-13	2/19/2024 7:08	
NONE	421195-690	L83333-14	2/19/2024 7:08	
NONE	421195-690	L83333-15	2/19/2024 7:08	
NONE	421195-690	L83333-16	2/19/2024 7:08	
* Not converted to dry weight basis				

King County Environmental Laboratory QC Report

0.01

6ppd-quinone

0.05

ug/L

	DQ by LCMS													
MB:WG192722-1 Matrix: OTH (Method Blank)	HR WTR Listtype:AQ6	PPDQ-LCMS	Method:	CEL SOP 407	7: 6PPDQ by L	CMS Project:	Pkey:STD							
Parameter	MDL	RDL	Units	MB Value	Qual									
6ppd-quinone	0.002	0.01	ug/L		U									
SB:WG192722-2 MB:WG1927 (Spike Blank, Method Blank)	722-1 Matrix: OTHR V	WTR Listtype	e:AQ6PPD0	Q-LCMS Meth	od:KCEL SOP	4077: 6PPDQ	oy LCMS Project: Pkey	:STD						
Parameter	MDL	RDL	Units	MB Value	True Value	SB Value	% Rec. Qual	Lab Limit						
6ppd-quinone	0.002	0.01	ug/L	U	0.2	0.196	98	50150						
Parameter 6ppd-quinone	MDL 0.002	RDL 0.01	Units ug/L	SAMP Value U	True Value 0.2	MS Value 0.177	% Rec. Qual 88	Lab Limit 50150	True Value 0.2	MSD Value 0.18	% Rec. Qual 90	RPD 2	Qual	
	0.002	0.01	ug/L	U	0.2	0.177	88	50150			· · · · · · · · · · · · · · · · · · ·		Qual	
6ppd-quinone LD:WG192722-5 L83333-11 N	0.002	0.01	ug/L PDQ-LCMS	U	0.2	0.177	88	50150			· · · · · · · · · · · · · · · · · · ·		Qual	
6ppd-quinone LD:WG192722-5 L83333-11 N (Lab Duplicate)	0.002 Matrix: OTHR WTR Lis	0.01 ttype:AQ6PF	ug/L PDQ-LCMS	U Method:KCE	0.2 L SOP 4077: 6	0.177 PPDQ by LCMS	88 6 Project:421195-690 I	50150			· · · · · · · · · · · · · · · · · · ·		Qual	
6ppd-quinone LD:WG192722-5 L83333-11 N (Lab Duplicate) Parameter	0.002 Matrix: OTHR WTR Lis MDL 0.002 HR WTR Listtype:AQ6	0.01 ttype:AQ6PF RDL 0.01	ug/L PDQ-LCMS Units ug/L	U Method:KCE SAMP Value U	0.2 L SOP 4077: 6 LD Value U	0.177 PPDQ by LCMS RPD	88 5 Project:421195-690 I Qual Lab Limit 040	50150			· · · · · · · · · · · · · · · · · · ·		Qual	Lab Lim 04

101

80--120

1.01

1

King County Environmental Laboratory QC Report

Surrogate:	d5-6PPDQ	
(Lab Limits)	20200	
L83333-1	73	
L83333-2	71	
L83333-3	75	
L83333-4	61	
L83333-5	76	
L83333-6	73	
L83333-7	78	
L83333-8	73	
L83333-9	64	
L83333-10	67	
L83333-11	64	
L83333-12	76	
L83333-13	82	
L83333-14	80	
L83333-15	77	
L83333-16	68	
WG192722-1	82	
WG192722-2	76	
WG192722-3	64	
WG192722-4	67	
WG192722-5	70	
WG192722-6	89	

6PPDQ results for turf infill leachate samples and associated QC

Sample #	collect date	receipt date	prep date	analysis date	6PPDQ (ug/L)	Surrogate % recovery
L83333-1	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>73</td></mdl<>	73
L83333-2	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>71</td></mdl<>	71
L83333-3	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>75</td></mdl<>	75
L83333-4	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>61</td></mdl<>	61
L83333-5	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>76</td></mdl<>	76
L83333-6	2/19/2024	2/21/2023	2/22/2023	2/23/2024	0.0031 (<rdl)< td=""><td>73</td></rdl)<>	73
L83333-7	2/19/2024	2/21/2023	2/22/2023	2/23/2024	0.0022 (<rdl)< td=""><td>78</td></rdl)<>	78
L83333-8	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>73</td></mdl<>	73
L83333-9	2/19/2024	2/21/2023	2/22/2023	2/23/2024	0.0023 (<rdl)< td=""><td>64</td></rdl)<>	64
L83333-10	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>67</td></mdl<>	67
L83333-11	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>64</td></mdl<>	64
L83333-12	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>76</td></mdl<>	76
L83333-13	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>82</td></mdl<>	82
L83333-14	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>80</td></mdl<>	80
L83333-15	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>77</td></mdl<>	77
L83333-16	2/19/2024	2/21/2023	2/22/2023	2/23/2024	<mdl< td=""><td>68</td></mdl<>	68

MDL = 0.002 ug/L RDL = 0.01 ug/L surrogate % recovery range: 25-200%

QC sample #	QC type	prep date	analysis date	6PPDQ (ug/L)	% recovery	Surrogate % recovery
WG192722-1	method blank	2/22/2023	2/23/2024	<mdl< td=""><td>na</td><td>82</td></mdl<>	na	82
WG192722-2	spike blank	2/22/2023	2/23/2024	0.196	98	76
WG192722-3	matrix spike (w/ L83333-16)	2/22/2023	2/23/2024	0.177	88	64
WG192722-4	matrix spike duplicate	2/22/2023	2/23/2024	0.18	90	67
WG192722-5	lab duplicate (w/ L83333-11)	2/22/2023	2/23/2024	<mdl (same="" as="" sample)<="" td=""><td>na</td><td>70</td></mdl>	na	70
WG192722-6	continuing calibration check	2/22/2023	2/23/2024	1.01	101	89



PREPARATION BENCH SHEET BMB0489

Matrix: Solid

Prepared using: Metals - EPA 1312 (Elutriate Prep)

Surrogate ID:

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	uL Spike	Surrogate	Comments
24B0327-01 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-02 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-03 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-04 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-05 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-06 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-07 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-08 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-09 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-10 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-11 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-12 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-13 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-14 A	SPLP 1312	02/19/24@07:08	40	800					
24B0327-15 A	SPLP 1312	02/19/24@07:08	40	800					
BMB0489-BLK1	QC	02/19/24@07:08	40	800					



Printed: 4/3/2024 11:03:52AM

Project Analysis Versions

WORK ORDER SUMMARY

24B0327

Page: 1

	Samples will be discarded 90 days after submission of a final report unless other instructions are received.									
Clien	t: Target Technologies International Inc	Project Manager:	Shelly Fishel							
Proje	ct: SPLP No Analysis	Project Number:	SPLP No Analysis 2023-December							

Received: 2/2/2024 10:30:00AM

Logged: 2/14/2024 9:42:00AM

CHAIN OF CUSTODY DOCUMENTS FOLLOW

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 249x327	Turn-around	Requested:	2 weeks		Date:	2024	-01-31					Analy	Analytical Resources, LLC tical Chemists and Consultants
AR Client Company: 7 Target Technologies International Ir	10	Phone: 20	06-263-3	674	Page:	1	of	3				461	1 South 134th Place, Suite 100 Tukwila, WA 98168
Client Contact: Jennifer Lanks					No. of Cooler					~	206-695-6200 206-695-6202 (fax)		
Client Project Name:	bury (On		y county	partner)	Coolers:		Temps	Contraction of the second s	Demusehad				
Pro-Max 37	7 TPE SPL	P Extrac	tion					Analysis	Requested				Notes/Comments
Client Project #:	Samplers:) Chapu	it, C Andr	ea	EPA								
Sample ID	Date	Time	Matrix	No. Containers	SPLP, 1312								
Batch # 22755/sample #2	01/22/24	11:00	Solid	1	\checkmark								
Batch # 22746sample #2	01/22/24	14:00	Solid	1	\checkmark								8
Batch # 22669/sample #2	01/22/24	17:00	Solid	1	\checkmark				-				14. ¹
Batch # 22659/sample #2	01/22/24	20:00	Solid	1	\checkmark								
atch # 21020/sample #2	01/22/24	11:00	Solid	1	\checkmark								
			Solid	1	\checkmark								-
			Solid	1	\checkmark								
			Solid	1	\checkmark								~
L.			Solid	1	\checkmark								
p.			Solid	<u></u> 1	\checkmark								
Comments/Special Instructions	Relinquished by:			Received by	Hoffle	1.		Relinquishe	d by:			Received by	
Finished SPLP extractions must	(Signature)			(Signature)	atther	Phen	e	(Signature)		-		(Signature)	
be shipped to Susannah Rowles at King County	Printed Name:	DUMES	LE	Printed Name Madd	hen Di	ente		Printed Nam	1 e :			Printed Nam	e
Environmental Lab within 2 weeks of extraction (i.e., 2-week	Company:	5		Company:	ier			Company:				Company:	
hold time) for 6PPD-q analysis.	Date & Time: 20 24 -0	1-31		Date & Time:	2/02/	741	030	Date & Time	ate & Time:		Date & Time:		

Limits of Liability: Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.









Chain of Custody Record & Laboratory Analysis Request

	Turn-around	Requested:	2 weeks		Date:	2024	1-01-31				Analytical Resources, LLC Analytical Chemists and Consultants			
AR Client Company: Target Technologies International II	ıc.	Phone: 20)6-263-3	674	Page: 2 of 3					\forall		461	1 South 134th Place, Suite 100 Tukwila, WA 98168	
Client Contact: Jennifer Lanks					No. of Coolers:	No. of Cooler Coolers: Temps:					206-695-6200 206-695-6202 (fax)			
Client Project Name: Pro-Max 3	7 TPE SPL	P Extrac	tion					Analysis I	Requested				Notes/Comments	
Client Project #:	Samplers:) Chapu	t, C Andr	ea	EPA									
Sample ID	Date	Time	Matrix	No. Containers	SPLP, 1312								*	
Batch # 22755/sample #2	01/22/24	12:00	Solid	1	\checkmark									
Batch # 22746sample #2	01/22/24	15:00	Solid	1	\checkmark			а,					i i i i i i i i i i i i i i i i i i i	
Batch # 22669/sample #2	01/22/24	18:00	Solid	1	\checkmark					2				
Batch # 22659/sample #2	01/22/24	21:00	Solid	1	\checkmark									
atch # 21020/sample #2	01/22/24	12:00	Solid	1	\checkmark		алаан ал							
			Solid	1	\checkmark									
			Solid	1	\checkmark		h							
			Solid	1	\checkmark									
			Solid	1	\checkmark									
			Solid	1	1	-		1.18						
Comments/Special Instructions	Relinquished by:			Received by	1. 11	2		Relinquishe	d by:	l		Received by:	- real coloring of the second s	
Finished SPLP extractions must	(Signature)			(Signature)	alle	Ken	0	(Signature)				(Signature)		
be shipped to Susannah Rowles at King County	Printed Name: PATRICK	DUNES	IE	Printed Name:	hew D	inter		Printed Nam	ie: -			Printed Name	3:	
Environmental Lab within 2 weeks of extraction (i.e., 2-week	Company:	8		Company:	10110			Company:				Company:		
hold time) for 6PPD-q analysis.				Date & Time:	2/02/	741	530	Date & Time	£	Date & Time		Date & Time:		

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Chain of Custody Record & Laboratory Analysis Request

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or 201

AR Assigned Number: ZYB0327	Turn-around	Requested:	2 weeks		Date:	2024	4-01-31	-				Analytical Resources, LL Analytical Chemists and Consultant		
AR Client Company: Target Technologies International II	י וכ.	Phone: 20	06-263-3	674	Page:	3	of 📑	3			∇	461	1 South 134th Place, Suite 10 Tukwila, WA 9816	
Client Contact: Jennifer Lanks	bury (Clie	ent's Kin	g County	partner)	No. of Coolers:	-19 	Cooler Temps:	, h a. 15		1210		6-695-6200 206-695-6202 (fax		
Client Project Name: Pro-Max 3	7 TPE SPL	P Extrac	tion				1	Analysis	Requested			Т	Notes/Comments	
Client Project #:	Samplers:) Chapu	it, C Andr	еа	EPA									
Sample ID	Date	Time	Matrix	No. Containers	SPLP, 1312									
Batch # 22755/sample #3	01/22/24	13:00	Solid	1	\checkmark									
Batch # 22746sample #3	01/22/24	16:00	Solid	1	\checkmark									
Batch # 22669/sample #3	01/22/24	19:00	Solid	1	\checkmark									
Batch # 22659/sample #3	01/22/24	22:00	Solid	1	\checkmark	2								
atch # 21020/sample #3	01/22/24	13:00	Solid	1	\checkmark									
			Solid	1	\checkmark									
			Solid	1	\checkmark									
			Solid	1	\checkmark									
			Solid	1	\checkmark									
			Solid	1	\checkmark									
Comments/Special Instructions Finished SPLP extractions must	Relinquished by: (Signature)	n:		Received by: (Signature)	Nattha	TOTA	eno	Relinquishe (Signature)	d by:			Received by (Signature)	ł.	
be shipped to Susannah Rowles at King County	Printed Name:	n Dune	sle	Printed Name:	their ()anse		Printed Nar	ne:			Printed Nan	ne:	
Environmental Lab within 2 weeks of extraction (i.e., 2-week	Company:	OHRODS		Company:	Anu			Company.				Company:		
hold time) for 6PPD-q analysis.	Date & Time:			Date & Time:			1030	Date & Tim	e.			Date & Time	9:	

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Page 4 of 8 24B0327 WKO 03 Apr 2024 110351.PDF





Project Analysis Versions

Page: 3

Samples will be di	iscarded 90 days after submission	ı of a final report unle	ss other instructions are received.
Client: Target Technologies Interna	tional Inc	Project Manager:	Shelly Fishel
Project: SPLP No Analysis		Project Number:	SPLP No Analysis 2023-December
Report To:		Invoice To:	
Target Technologies International Inc		Target Technologies	International Inc
Nadia Minato		Nadia Minato	
8535 Eastlake Drive		8535 Eastlake Drive	
Burnaby, BC CANADA VSA 4T7		Burnaby, BC CANA	
Phone: (604) 421-3620		Phone :(604) 421-36	
Fax: (604) 420-3616		Fax: (604) 420-3616	
Analysis	Version	Analyte L	ist
24B0327-01 Batch # 22755/sample #1	[Solid] Sampled 22-Jan-2024 1	1:00 (GMT-08:00) Pac	ific Time (US & Canada)
SPLP 1312	N/A		
24B0327-02 Batch # 22746/sample #1	[Solid] Sampled 22-Jan-2024 1	4:00 (GMT-08:00) Pac	rific Time (US & Canada)
SPLP 1312	N/A		
24B0327-03 Batch # 22669/sample #1	[Solid] Sampled 22-Jan-2024 1	7:00 (GMT-08:00) Pac	cific Time (US & Canada)
SPLP 1312	N/A		
24B0327-04 Batch # 22659/sample #1	[Solid] Sampled 22-Jan-2024 2	0:00 (GMT-08:00) Pac	ific Time (US & Canada)
SPLP 1312	N/A		
24B0327-05 Batch # 21020/sample #1	[Solid] Sampled 22-Jan-2024 1	1:00 (GMT-08:00) Pac	ific Time (US & Canada)
SPLP 1312	N/A		
24B0327-06 Batch # 22755/sample #2	[Solid] Sampled 22-Jan-2024 1	2:00 (GMT-08:00) Pac	tific Time (US & Canada)
SPLP 1312	N/A		
24B0327-07 Batch # 22746/sample #2		5:00 (GMT-08:00) Pac	ific Time (US & Canada)
SPLP 1312	N/A		
24B0327-08 Batch # 22669/sample #2	[Solid] Sampled 22-Jan-2024 1	8:00 (GMT-08:00) Pac	tific Time (US & Canada)
SPLP 1312	N/A		
24B0327-09 Batch # 22659/sample #2	[Solid] Sampled 22-Jan-2024 2	1:00 (GMT-08:00) Pac	ific Time (US & Canada)
SPLP 1312	N/A		
24B0327-10 Batch # 21020/sample #2	[Solid] Sampled 22-Jan-2024 1	2:00 (GMT-08:00) Pac	tific Time (US & Canada)
SPLP 1312	N/A		

WORK ORDER SUMMARY

24B0327



Project Analysis Versions

Page: 4

			24B0327	
	Samples will be dis	carded 90	lays after submission of a final report unl	ess other instructions are received.
Client: Ta	arget Technologies Internat	ional Inc	Project Manager:	Shelly Fishel
Project: SI	PLP No Analysis		Project Number:	SPLP No Analysis 2023-December
Analysis		Versio	Analyte	List
24B0327-11	Batch # 22755/sample #3	[Solid] Sa	npled 22-Jan-2024 13:00 (GMT-08:00) Pa	acific Time (US & Canada)
SPLP 1312		N/A		
24B0327-12 SPLP 1312		[Solid] San N/A	mpled 22-Jan-2024 16:00 (GMT-08:00) Pa	acific Time (US & Canada)
24B0327-13	Batch # 22669/sample #3	[Solid] S	mpled 22-Jan-2024 19:00 (GMT-08:00) Pa	acific Time (US & Canada)
SPLP 1312		N/A		
24B0327-14	Batch # 22659/sample #3	[Solid] S	mpled 22-Jan-2024 22:00 (GMT-08:00) Pa	acific Time (US & Canada)
SPLP 1312		N/A		
24B0327-15	Batch # 21020/sample #3	[Solid] S	mpled 22-Jan-2024 13:00 (GMT-08:00) Pa	acific Time (US & Canada)

WORK ORDER SUMMARY

Analytical Resourc Analytical Chemists		Cooler Rec	eipt Fo	m	
ARI Client: <u>larget Tech</u> COC No(s): <u></u> Assigned ARI Job No: <u>2UBO</u> Preliminary Examination Phase: Were intact, properly signed and d	327 NA	Project Name: Co-Max Delivered by: Fed-Ex UPS Cour Tracking No: 12 607	ier Hand Delivered C	Other:	ZZ JA
Were custody papers included with Were custody papers properly filled Temperature of Cooler(s) (°C) (rec Time <u>103</u> 0	d out (ink, signed, etc.)		YES) N	10
If cooler temperature is out of com Cooler Accepted by:		Date: 02 02 24 Time:	Temp Gun ID#:50		3
Log-In Phase:	Complete custody forms and	attach all shipping documents			
	vas used? Bubble Wrap riate)? c bags? lition (unbroken)? nd legible? ed on COC match with the numbe we with custody papers?	Wet Ice Gel Packs Baggies Foam	NA Individually	YES Grouped YES YES YES YES	NO NO NO NO NO NO NO NO
	bles? sent in each bottle?		NA NA	YES YES	NO NO NO
Were the sample(s) split we made to be an according to be according to	9 YES Date/Time: 	Equipment:	Sr	olit by:	
Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID) on COC	

Additional	Notes, Discrepancies, & Resolution Should be labeled	"Batch #5 on the First page of the as "sample #1".
By:	Date:	



Cooler Temperature Compliance Form

ARI Work Order: 2480327		
	erature(°C):	14,900
Sample ID	Bottle Count	Bottle Type
Samplesnessed above 6.000	Donio o oune	
Samples reduced about 60		
Coolor#	(00)	
Cooler#: Tempe	erature(°C):	Dattle True
Sample ID	Bottle Count	Bottle Type
50.		
Cooler#: Tempe	erature(°C):	
Sample ID	Bottle Count	Bottle Type
Cooler#: Tempe	erature(°C):	
Sample ID	Bottle Count	Bottle Type
Completed by:	Det	Time: LAS
	Date	
00070F Co	oler l'emperature	Compliance Form Version 001

	le ID Matrix 6 LA LA LA LA LA			Containers Containers	
		01/22/2024 14:00 01/22/2024 17:00 01/22/2024 17:00 01/22/2024 12:00 01/22/2024 12:00			
		01/22/254 17:00 01/22/254 70:00 01/22/2024 11:00 01/22/2024 12:00 01/22/2024 13:00			
		01/22/2024 20:00 01/22/2024 12:00 01/22/2024 12:00 01/22/2024 13:00			
		01/22/2024 11:00 01/22/2024 12:00 01/22/2024 12:00			
		01/22/2024 12.00			
		01/22/2024 1800			
		01/22/2024 1800			
	-69 LA	01 22 200 21NO			
	10 I	0/22/2000 1200			
	-11	01/22/2024 1300			
L83333-12 24 by 50 3 27 - 12	N I	01/22/2024 1600			
21- L2227-13	-13	61 22 2024 1900			
L83333-14 2UP0327 -	۲ ۱ - ۱۲				
L83333-15 2470327-	-)S	ortritur 1360			
Additional Comments: SPUP Leaderer Drank provided	eachere Blank provede	id in Soome Ac bothe	He		
		1.1			
RELINQUISHED BY					
Signature //////// 2000-			Õ	Date and Time:	02/20/20 07/S
Printed Name Maynew Damest					
Organization	Ő játoszari naján szárai				
RECEIVED BY			eq	Date and Time:	231-24 1000
Printed Name //	KINNANOL				
Organization King County Ei	King County Environmental Laboratory	V			

. .e

Login: Ľ83333 Prefect: 421195-690

Parks Artificial Turf Characterization

FSU TC: ____

LPM: Fritz Grothkopp

Plogect. 421155-050		N OF CUSTODY	
	Relinguished by	Date	Time
	Received by) Date 2-21-24	Time 1000
	Sample Numbers		[AII]
Sample Number	L83333-1	L83333-2	L83333-3
QC Link			
Locator	NONE	NONE	NONE
Short Loc Desc	UNKNOWNLOC	UNKNOWNLOC	UNKNOWNLOC
Locator Desc	UNKNOWN LOCATOR	UNKNOWN LOCATOR	UNKNOWN LOCATOR
Site	NONE	NONE	NONE
Comments		- All de la characterista de la characterista en construction y and service and real construction of any provident and any specification of the provident any specification of the provident and any specification of	
Start Date/Time	01-22-2024	01-22-2024	01-22-2024
End Date/Time			······································
Time Span			
Sample Depth			
CLIENT LOC			
Dept, Matrix, Prod (Cont ID)	4 LA 6PPDQ (43)	· 4 LA 6PPDQ (43)	4 LA 6PPDQ (43)

ogin: L83333	Parks Artifici	al Turf Characterization	FSU TC:
Pro/sect: 421195-69	D		LPM: Fritz Grothkopp
Sample Number	L83333-4	L83333-5	L83333-6
QC Link			
Locator	NONE	NONE	NONE
Short Loc Desc	UNKNOWNLOC	UNKNOWNLOC	UNKNOWNLOC
Locator Desc	UNKNOWN LOCATOR	UNKNOWN LOCATOR	UNKNOWN LOCATOR
Site	NONE	NONE	NONE
Comments		-	
Start Date/Time	01-22-2024	01-22-2024	01-22-2024
End Date/Time	n an		аннала (1), (1), (1), (1), (1), (1), (1), (1),
Time Span		202007, 1922-1979, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 1949, 19 	
Sample Depth		1	
CLIENT LOC			
Dept, Matrix, Prod (Cont ID)	4 LA 6PPDQ (43)	4 LA 6PPDQ (43)	4 LA 6PPDQ (43)

1.h

5

Login: L83333	Parks Artifici	ial Turf Characterization	FSU TC:
Project: 421195-69	0		LPM: Fritz Grothkopp
Sample Number	L83333-7	L83333-8	L83333-9
QC Link			
Locator	NONE	NONE	NONE
Short Loc Desc	UNKNOWNLOC	UNKNOWNLOC	UNKNOWNLOC
Locator Desc	UNKNOWN LOCATOR	UNKNOWN LOCATOR	UNKNOWN LOCATOR
Site	NONE	NONE	NONE
Comments			
Start Date/Time	01-22-2024	01-22-2024	01-22-2024
End Date/Time			999 733 / 1994 - 4 1997 - 2 19
Time Span			
Sample Depth	72]		
CLIENT LOC			
Dept, Matrix, Prod (Cont ID)	4 LA 6PPDQ (43)	4 LA 6PPDQ (43)	4 LA 6PPDQ (43)

Login: L83333 Project: 421195-690	Parks Artifici	al Turf Characterization	FSU TC:
Sample Number	L83333-10	L83333-11	L83333-12
QC Link	nigen en e		
Locator	NONE	NONE	· NONE
Short Loc Desc	UNKNOWNLOC	UNKNOWNLOC	UNKNOWNLOC
Locator Desc	UNKNOWN LOCATOR	UNKNOWN LOCATOR	UNKNOWN LOCATOR
Site	NONE	NONE	NONE
Comments			
Start Date/Time	01-22-2024	01-22-2024	01-22-2024
End Date/Time			
Time Span			
Sample Depth			
CLIENT LOC			
Dept, Matrix, Prod (Cont ID)	4 LA 6PPDQ (43)	4 LA 6PPDQ (43)	4 LA 6PPDQ (43)

ogin: L83333	Parks Artifici	al Turf Characterization	FSU TC:
Project: 421195-69	0		LPM: Fritz Grothkopp
Sample Number	L83333-13	L83333-14	L83333-15
QC Link			
Locator	NONE	NONE	NONE
Short Loc Desc	UNKNOWNLOC	UNKNOWNLOC	UNKNOWNLOC
Locator Desc	UNKNOWN LOCATOR	UNKNOWN LOCATOR	UNKNOWN LOCATOR
Site	NONE	NONE	NONE
Comments			
Start Date/Time	01-22-2024	01-22-2024	01-22-2024
End Date/Time			
Time Span	2012 - 2014 - 2015 - 2014 - 20		99999999999999999999999999999999999999
Sample Depth			стана (1997) - 1977) - 1977)
CLIENT LOC		· · · · · · · · · · · · · · · · · · ·	
Dept, Matrix, Prod (Cont ID)	4 LA 6PPDQ (43)	4 LA 6PPDQ (43)	4 LA 6PPDQ (43)

Login: P83333 Project: 421195-690

Parks Artificial Turf Characterization

FSU TC:

LPM: Fritz Grothkopp

-	CHAI	N OF CUSTODY		
	Relinquished by	Date	Time	
	Received by	Date	Time	
	Sample Numbers	I		[AII]
Sample Number	P83333-16			
QC Link		· · · · · · · · · · · · · · · · · · ·		
Locator	NONE			
Short Loc Desc	UNKNOWNLOC			
Locator Desc	UNKNOWN LOCATOR			
Site	NONE			
Comments				
Start Date/Time	en 1996 and 1997 and 1997 and 1997 and 1998 and 19			
End Date/Time				1 * • • • 1 • 1 • • • • • • • • • • • •
Time Span				
Sample Depth			1911 - Alfred Mart II - Mart II - Alfred Frank (1997) - Alfred Mart II - Alfred Mart II - Alfred Mart II - Alfr	
CLIENT LOC				
Dept, Matrix, Prod (Cont ID)	4 LA 6PPDQ (43)	, y, y a a an		n, mm, m, m, n, n, n, m, , m, t

	LIQUID S		AMPLE RECEIPT RECORD			4
Login Number(s): 83333-(1-16)	Laject No.: イコ // C		Sub-Contracting: Y /(N)	List Product(s):		
Collect Date(s): ディスステスチャー SAMPLE REC	Receive Date:	1-21-24	Changes: Y (N)	List Parameter(s): List Parameter(s): BIEI (), DPESEEDVATION (CHECK) (ST 16-14-14-14-14-14-14-14-14-14-14-14-14-14-	and the sale	
N Acceptable		Acceptable? Comment ID	PRODUCT / Preservation	<u>SM Action</u>	Acceptable?	Corrective Action
X	Volumes	V N	BNA / pH 6 - 9 w/ H ₂ SO4 or NaOH	V field sheet for F. pH	Y / N	C Netity ORG
Temperature (w/ ice) V V V N N	Holding Times		CN / pH > 12 w/ NaOH within 15 min	Check pH	Y / N	Deliver to CONV
PATTIC	PEINELY LOCATION	U) / N		Check pH	A I N I NA	Preserve by SM
	VICE FOR AND AMPLE NUN	IDEKS		Y field sheat for pH	X / N	Deliver to CONV
	BOTTLE LESCRIPTION: SAMPLE NUMBERS		ICP / HG-CVAA-M / pH < 2 w/ HNO3	Check pH	Y / N	🔲 Preserva By SM
40 Jitt Great viat (VOA): 60 mil clear class (PHVTO):			086 / HEM / PHENOL / PH < 2 W/ H_SO4	Check documentation	N / Y	Preserve by SM
				VISUARY INSPECT	N / Y	Deliver to MICRO
125 ml AWM HDPF.			1KW/ COD pH < 2 W/ H ₂ SO ₄ within 15 min TOC / 5H < 3 w/ HC/ Mappes sain	Check pH	N / Y	Preserve By SM
125 mL CNM HDPE:			TOTSLIFEDE / DH > 9 w/ NaCH ZAAC	Check pH Check documentation	N / Y	Preserve By SM
125 mL CWM HDPE:			WDO/FIXED .	Visually inspect	N 7 7	Deliver to CONV
125 mL GANIM:			Other:	6	-	
125 mL GANM w/HCi			ROUTINE SM PRESERVATION CHECKLIST (Circle and	N CHECK IST (Circle and/or ch	or check applicable selections)	selections)
250 mL AWM HDPE;			PRODUCT / Preservation	SM Action	Acceptable?	Corrective Action
250 mL CWM HDPE:			Chlorinated Pesticides / pH 5 - 9 w/ H ₂ SO ₄ or NaOH	V field sheet for F. pH	N / X	🗌 Aditust oH
250 mL CWM HDPE (MICRO);			HG-CVAA-L-Tefton (T/D)/pH < 2 w/ ULTRA HCI		NA	NA
15 250 mL GAWM. 1 - 15			ICPMS / HG-CVAA-M (T / D) / pH < 2 w/ ULTRA HNO3	🗌 Preserve & deliver	NA	NA
250 mL GAWM w/ H2SO4:			TOC / pH < 2 w/ HCI	Disconte 8 defituer	NA	NA
300 mL WDO (8 hour HT):			Other:			
500 mL AWM HDPE:			Other.			
500 mL CWM HDPE:			INTERFERENCE TE	NTERFERENCE TEST (Circle and/or check applicable selections)	able selections	
500 mL CWM PP (MICRO):			Product / Interference (SM Action)	Positive Test?	Treated	Corrective Action
500 mL HDPE (METALS):			BNA / Chlorine (Check documentation)	Y / N / not tested	Y / N	Deliver to OBG
500 mL HDPE, double-bagged (METALS);			CN / Chlorine (Check documentation)	Y / N / not tested	N / Y	
500 ml. Teflon (Hg):	-	-	CN / Sulfide (Check field sheet for DF)	Y / N / not tested	X / N	
500 mL Teflon, double-bagged (METALS)	-		VOA / Chiorine (Check documentation)	Y / N / not tested	N / Y	Deliver to ORG
1 500 mt SANIM (BAVINI:	(-16)		Other.			
500 mL Polystyrene Filtration Units (METALS):				HEADSPACE CHECK		
1L AVM HDPE:			PRODUCT (SM Action)	Check For	Acceptable?	Corrective Action
1L CWM HDPE:			MICRO (Visually inspect)	Headspace (@ 1")	Y / N	C Notify MICRO
1L CWM PP (MICRO):			TOTSULFIDE (Visually inspect)	Headspace (< 1")	Y / N	Notify CONV
1L GANM:			VOA (Visualty inspect)	Zero headspace	YIN	C Notify ORG
1L GCWM:			WDO (Visually inspect)	Zero headspace	X / N	Notify CONV
			Other;			
ZL CWM HDPE: Other:			FIELD FILTRATION CHE Product (SM Action)	FIELD FILTRATION CHECKLIST (Circle and/or check applicable selections)	pplicable select	(ons)
	COMMENTS (NOTIFICATIONS			Vitibility of Fillered	rield blank	Corrective Action
			NO2 /	A fet of the contract of the c		L Deliver to CONV
			Dissolved Metals (Check Fleid Sheet)	V (within 15 min v (n) (N	AN N I Y	Deliver to CONV
			DOC (Deliver / Notify Unit)	V fuithin 15 min or 1 day / M	ANIN Y	Deliver to METALS
			DCOD / CR(VI) (Deliver / Notify Unit)	Y (within 15 min v / n) / N	AN N NA	Deliver to CONV
			Other			
			Other:			
CC: 🗆 AQUATOX, 🗆 CONV, 🗆 METALS, 🗆 MICRO, 🗆 QRG, 🗆	ro, 🗆 gre, 🗆 🦳			-		
1. Deliver dissemed Hg-CVAF samples to METALS for filtration.	amples to METALS for filtration.	4. Deliver pH, WI	 Deliver pH, WDO, and all MICRO samples ASAP to appropriate section for immediate processing. 	on for immediate processing.		
NOTES 2. Deliver double bagged metacy	samples to METALS for preservation.		 Enter "Time Span" for composite samples during sample login.)		
3. Do not test/pH to/ presenced	KENA and TOTSULFIDE samples.	6. Split aigae sam	6. Split algae sample into 60 mL clear glass if PHYTOQUAL is requested.	Ť		

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FEB 21 '24 10:13

6. Split algae sample into 60 mL clear glass if PHYTOQUAL is requested.

Date / Time Completed: _

SM Signature: