

ANALYTICAL REPORT

PREPARED FOR

Attn: Jorge Quinones
Irrigation Express
13650 Vaughn Street
San Fernando, California 91340

Generated 5/1/2023 12:52:41 PM

JOB DESCRIPTION

Performance Play -83

JOB NUMBER

860-47508-1

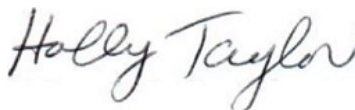
Eurofins Houston

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Holly Taylor, Project Manager
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Definitions/Glossary

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Job ID: 860-47508-1

Laboratory: Eurofins Houston

Narrative

Job Narrative
860-47508-1

Receipt

The sample was received on 4/21/2023 10:57 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 18.3°C

Metals

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

Detection Summary

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Client Sample ID: Performance Play -83 Lab Sample ID: 860-47508-1

No Detections.

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This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Client Sample ID: Performance Play -83

Lab Sample ID: 860-47508-1

Date Collected: 04/18/23 11:20

Matrix: Solid

Date Received: 04/21/23 10:57

Method: SW846 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<1.89	U	1.89	mg/Kg		04/25/23 21:53	04/26/23 21:34	10

QC Sample Results

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-100396/1-A
Matrix: Solid
Analysis Batch: 100581

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 100396

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.200	U	0.200	mg/Kg		04/25/23 21:53	04/26/23 20:32	1

Lab Sample ID: LCS 860-100396/2-A
Matrix: Solid
Analysis Batch: 100581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 100396

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	10.0	9.852		mg/Kg		99	80 - 120

Lab Sample ID: LCSD 860-100396/3-A
Matrix: Solid
Analysis Batch: 100581

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 100396

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	10.0	9.940		mg/Kg		99	80 - 120	1	20

QC Association Summary

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Metals

Prep Batch: 100396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-47508-1	Performance Play -83	Total/NA	Solid	3051A	
MB 860-100396/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 860-100396/2-A	Lab Control Sample	Total/NA	Solid	3051A	
LCSD 860-100396/3-A	Lab Control Sample Dup	Total/NA	Solid	3051A	

Analysis Batch: 100581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-47508-1	Performance Play -83	Total/NA	Solid	6020A	100396
MB 860-100396/1-A	Method Blank	Total/NA	Solid	6020A	100396
LCS 860-100396/2-A	Lab Control Sample	Total/NA	Solid	6020A	100396
LCSD 860-100396/3-A	Lab Control Sample Dup	Total/NA	Solid	6020A	100396

Lab Chronicle

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Client Sample ID: Performance Play -83

Lab Sample ID: 860-47508-1

Date Collected: 04/18/23 11:20

Matrix: Solid

Date Received: 04/21/23 10:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3051A			.53 g	50 mL	100396	04/25/23 21:53	AGR	EET HOU
Total/NA	Analysis	6020A		10			100581	04/26/23 21:34	DP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-50	06-30-23

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Method Summary

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Method	Method Description	Protocol	Laboratory
6020A	Metals (ICP/MS)	SW846	EET HOU
3051A	Preparation, Metals, Microwave Assisted	SW846	EET HOU

Protocol References:

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

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: Irrigation Express
Project/Site: Performance Play -83

Job ID: 860-47508-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
860-47508-1	Performance Play -83	Solid	04/18/23 11:20	04/21/23 10:57

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Environment Testing
Xenco

CERTIFICATE OF ANALYSIS

Client: Irrigation Express
Product: Performance Play-83
Eurofins Sample #:860-47508-1
Lead Results: Less than 1.89 parts per million

Synthetic fibers from turf product Performance Play-83, taken by Irrigation Express on 04/18/2023, and received by Eurofins Labs, 04/21/2023, were analyzed by Eurofins Labs for total lead by method SW6020A. The results were less than 1.89 milligrams lead per kilogram synthetic fiber (<1.89 mg/kg).

Dr. Blair Leftwich, Director

Date



Environment Testing
Xenco

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Jorge Quinones	Bill to: (if different)	
Company Name:	Irrigation Express	Company Name:	
Address:	13650 Vaughn Street	Address:	
City, State ZIP:	San Fernando, CA 91340	City, State ZIP:	
Phone:	818-896-6633 X316	Email:	jorge@irrigationexpress.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other	

Project Name:	PERFORMANCE PLAY-83	Turn Around	<input type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:					
Project Location:		Due Date:			
Sampler's Name:		TRAT starts the day received by the lab, if received by 4:30pm			
PO #:					
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No	
Samples Received Intact:	Yes No	Thermometer ID:			
Cooler Custody Seals:	Yes No N/A	Correction Factor:			
Sample Custody Seals:	Yes No N/A	Temperature Reading:			
Total Containers:		Corrected Temperature:			



860-47508 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Total Lead	ANALYSIS REQUEST	Preservative Codes
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PERFORMANCE PLAY-83 Solid		4/18/23	11:20AM	NA	NA	1	X		None: NO DI Water H ₂ O
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Temp 18.5 IR ID: HOU-344
C/F -0.2
Corrected Temp: 18.3

Total 200.7 / 6010	200.8 / 6020	8RCRA 13PPM	Texas 11	Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed		TCLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 245.1 / 7470 / 7471		

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$45.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	DPS	4/18/23 12pm		Stubs	4.21.23 10:57

Login Sample Receipt Checklist

Client: Irrigation Express

Job Number: 860-47508-1

Login Number: 47508

List Source: Eurofins Houston

List Number: 1

Creator: Canadilla, Surelis

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