ANALYTICAL REPORT

PREPARED FOR

Attn: Report To Watersavers Turf 4316 Redwood Hwy Ste. 100 San Rafael, California 94903 Generated 12/29/2023 9:33:19 AM Revision 1

JOB DESCRIPTION

Sequoia

JOB NUMBER

410-153236-1

Eurofins Lancaster Laboratories Environment Testing, LLC 2425 New Holland Pike Lancaster PA 17601

Eurofins Lancaster Laboratories Environment Testing, LLC

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

Generated 12/29/2023 9:33:19 AM Revision 1

Authorized for release by Nicole Brown, Project Manager Nicole.Brown@et.eurofinsus.com (717)471-3265

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Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
- · Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
- · Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

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

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

This report shall not be reproduced except in full, without the written approval of the laboratory.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

MB.

Client: Watersavers Turf Project/Site: Sequoia

Laboratory Job ID: 410-153236-1

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Definitions/Glossary

Client: Watersavers Turf

Project/Site: Sequoia

Job ID: 410-153236-1

Glossary

Glossary							
Abbreviation	These commonly used abbreviations may or may not be present in this report.						
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis						
%R	Percent Recovery						
CFL	Contains Free Liquid						
CFU	Colony Forming Unit						
CNF	Contains No Free Liquid						
DER	Duplicate Error Ratio (normalized absolute difference)						
Dil Fac	Dilution Factor						
DL	Detection Limit (DoD/DOE)						
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample						

DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)
LOQ Limit of Quantitation (DoD/DOE)
MCL EPA recommended "Maximum Co

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit

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

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Case Narrative

Client: Watersavers Turf

Job ID: 410-153236-1 Project: Seguoia

Job ID: 410-153236-1 **Eurofins Lancaster Laboratories Environment**

> Job Narrative 410-153236-1

REVISION

The report being provided is a revision of the original report sent on 12/21/2023. The report (revision 1) is being revised due to the client request to update the job name and cover sheet to have Watersavers Turf as the report to.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

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

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

Receipt

The sample was received on 12/4/2023 9:05 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions

No Sample ID or collection info on coc or sample.

GC/MS Semi VOA

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

Detection Summary

Client: Watersavers Turf Job ID: 410-153236-1

Project/Site: Sequoia

Client Sample ID: S. Blade 90

Lab Sample ID: 410-153236-1

No Detections.

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Client Sample Results

Client: Watersavers Turf Job ID: 410-153236-1

Project/Site: Sequoia

Client Sample ID: S. Blade 90 Lab Sample ID: 410-153236-1

. Matrix: Solid

Date Collected: 12/03/23 00:00 Date Received: 12/04/23 09:05

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Acenaphthylene	ND		140	34	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Anthracene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Benzo[a]anthracene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Benzo[a]pyrene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Benzo[b]fluoranthene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Benzo[g,h,i]perylene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Benzo[k]fluoranthene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Chrysene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Dibenz(a,h)anthracene	ND		140	57	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Fluoranthene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Fluorene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Indeno[1,2,3-cd]pyrene	ND		140	34	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Naphthalene	ND		140	57	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Phenanthrene	ND		140	34	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Pyrene	ND		140	29	ug/Kg		12/08/23 15:20	12/10/23 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74		37 - 120				12/08/23 15:20	12/10/23 18:32	1
Nitrobenzene-d5 (Surr)	69		26 - 120				12/08/23 15:20	12/10/23 18:32	1
p-Terphenyl-d14 (Surr)	83		40 - 133				12/08/23 15:20	12/10/23 18:32	1

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Surrogate Summary

Client: Watersavers Turf Job ID: 410-153236-1

Project/Site: Sequoia

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	NBZ	TPHd14			
Lab Sample ID	Client Sample ID	(37-120)	(26-120)	(40-133)			
410-153236-1	S. Blade 90	74	69	83			
LCS 410-451900/2-A	Lab Control Sample	69	63	78			
MB 410-451900/1-A	Method Blank	81	76	91			
Surrogate Legend	Mouriou Blarik	0.	, 0	01			

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

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Job ID: 410-153236-1

Client: Watersavers Turf Project/Site: Sequoia

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

MD MD

Lab Sample ID: MB 410-451900/1-A

Matrix: Solid

Analysis Batch: 452178

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

Prep Batch: 451900

	IVID IVID							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND ND		3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Acenaphthylene	ND	17	4.0	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Anthracene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Benzo[a]anthracene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Benzo[a]pyrene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Benzo[b]fluoranthene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Benzo[g,h,i]perylene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Benzo[k]fluoranthene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Chrysene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Dibenz(a,h)anthracene	ND	17	6.7	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Fluoranthene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Fluorene	ND	17	3.3	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Indeno[1,2,3-cd]pyrene	ND	17	4.0	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Naphthalene	ND	17	6.7	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Phenanthrene	ND	17	4.0	ug/Kg		12/08/23 15:20	12/10/23 15:38	1
Pvrene	ND	17	3.3	ua/Ka		12/08/23 15:20	12/10/23 15:38	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	81		37 - 120	12/08/23 15:20	12/10/23 15:38	1
Nitrobenzene-d5 (Surr)	76		26 - 120	12/08/23 15:20	12/10/23 15:38	1
p-Terphenyl-d14 (Surr)	91		40 - 133	12/08/23 15:20	12/10/23 15:38	1

Lab Sample ID: LCS 410-451900/2-A

Matrix: Solid

Analysis Batch: 452178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA **Prep Batch: 451900**

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits ug/Kg Acenaphthene 1670 1270 76 65 - 120 Acenaphthylene 1670 1200 ug/Kg 72 66 - 120 Anthracene 1670 1320 ug/Kg 79 69 - 120 Benzo[a]anthracene 1670 1410 ug/Kg 85 68 - 120 Benzo[a]pyrene 1670 1390 ug/Kg 83 71 - 120 79 Benzo[b]fluoranthene 1670 1310 66 - 120 ug/Kg Benzo[g,h,i]perylene 1670 1400 84 69 - 120 ug/Kg Benzo[k]fluoranthene 1670 1330 80 68 - 120 ug/Kg Chrysene 1670 1340 ug/Kg 80 67 - 120Dibenz(a,h)anthracene 1670 1400 84 70 - 123 ug/Kg Fluoranthene 1670 1320 ug/Kg 79 67 - 120 Fluorene 1670 1250 ug/Kg 75 67 - 120 Indeno[1,2,3-cd]pyrene 1670 1470 ug/Kg 88 67 - 122 Naphthalene 1670 1050 ug/Kg 63 62 _ 120 Phenanthrene 1670 ug/Kg 76 69 - 120 1270 1670 Pyrene 1330 ug/Kg 80 69 - 120

LCS	I CS
LUS	LUS

Surrogate	%Recovery	Qualifier	Limits
2-Fluorobiphenyl (Surr)	69		37 - 120
Nitrobenzene-d5 (Surr)	63		26 - 120
p-Terphenyl-d14 (Surr)	78		40 - 133

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QC Association Summary

Client: Watersavers Turf
Project/Site: Sequoia

Job ID: 410-153236-1

GC/MS Semi VOA

Prep Batch: 451900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-153236-1	S. Blade 90	Total/NA	Solid	3546	
MB 410-451900/1-A	Method Blank	Total/NA	Solid	3546	
LCS 410-451900/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 452178

Lab Sample ID 410-153236-1	Client Sample ID S. Blade 90	Prep Type Total/NA	Matrix Solid	Method 8270E	Prep Batch 451900
MB 410-451900/1-A	Method Blank	Total/NA	Solid	8270E	451900
LCS 410-451900/2-A	Lab Control Sample	Total/NA	Solid	8270E	451900

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Lab Chronicle

Job ID: 410-153236-1 Client: Watersavers Turf

Project/Site: Sequoia

Client Sample ID: S. Blade 90 Lab Sample ID: 410-153236-1 Date Collected: 12/03/23 00:00

Matrix: Solid

Date Received: 12/04/23 09:05

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Prep	3546			451900	ZB3H	ELLE	12/08/23 15:20
Total/NA	Analysis	8270E		1	452178	SJ89	ELLE	12/10/23 18:32

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Watersavers Turf
Project/Site: Sequoia
Job ID: 410-153236-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

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

Authority	Program	Identification Number	Expiration Dat
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-24
Alaska	State	PA00009	06-30-24
Alaska (UST)	State	17-027	02-28-24
Arizona	State	AZ0780	03-12-24
Arkansas DEQ	State	88-00660	08-09-24
California	State	2792	01-31-24
Colorado	State	PA00009	06-30-24
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-24
Delaware (DW)	State	N/A	01-31-24
Florida	NELAP	E87997	06-30-24
Georgia (DW)	State	C048	01-31-24
Hawaii	State	N/A	01-31-24
Illinois	NELAP	200027	12-10-23
lowa	State	361	03-01-24
Kansas	NELAP	E-10151	10-31-24
		KY90088	12-31-23
Kentucky (DW)	State		
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-23
Louisiana (All)	NELAP	02055	06-30-24
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-24
Massachusetts	State	M-PA009	06-30-24
Michigan	State	9930	01-31-24
Minnesota	NELAP	042-999-487	12-31-23
Mississippi	State	023	01-31-24
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-24
New Hampshire	NELAP	2730	01-10-24
New Jersey	NELAP	PA011	06-30-24
New York	NELAP	10670	04-01-24
North Carolina (DW)	State	42705	07-31-24
North Carolina (WW/SW)	State	521	12-31-23
North Dakota	State	R-205	01-31-24
Oklahoma	NELAP	9804	08-31-24
Oregon	NELAP	PA200001	09-11-24
Pennsylvania	NELAP	36-00037	01-31-24
Quebec Ministry of Environment and Fight against Climate Change	PALA	1978	09-16-24
Rhode Island	State	LAO00338	12-31-23
South Carolina	State	89002	01-31-24
Tennessee	State	02838	01-31-24
Texas	NELAP	T104704194-23-46	08-31-24
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-24

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Eurofins Lancaster Laboratories Environment Testing, LLC

Accreditation/Certification Summary

Client: Watersavers Turf
Project/Site: Sequoia

Job ID: 410-153236-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

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

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	12-31-23
West Virginia DEP	State	055	07-31-24
Wyoming	State	8TMS-L	01-31-24
Wyoming (UST)	A2LA	0001.01	11-30-24

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Method Summary

Client: Watersavers Turf Project/Site: Sequoia

Job ID: 410-153236-1

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
3546	Microwave Extraction	SW846	ELLE

Protocol References:

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

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

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Sample Summary

Client: Watersavers Turf Project/Site: Sequoia

Job ID: 410-153236-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-153236-1	S. Blade 90	Solid	12/03/23 00:00	12/04/23 09:05

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Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Cash in Advance (Lancaster) Job Number: 410-153236-1

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC Login Number: 153236

List Number: 1

Creator: Hartlove, Katie M

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature acceptable, where thermal pres is required (=6C, not frozen).</td <td>N/A</td> <td></td>	N/A	
Cooler Temperature is recorded.	N/A	
WV:Container Temp acceptable,where thermal pres is required (=6C, not frozen).</td <td>N/A</td> <td></td>	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	False	Refer to Job Narrative for details.
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	Refer to Job Narrative for details.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Non-environmental matrix, sampler is not applicable.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	