

6/27/2022

UME Montgomery County
18410 Muncaster Rd
Derwood, MD, 20855

Ref: Analytical Testing
Report Number: 22-171-0005
Project Description: Lime Montgomery County
Waypoint Analytical Virginia, Inc. received sample(s) on 6/20/2022 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Sub-contracted testing is noted on the Sample Summary Table if applicable.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information. Sincerely,

Pauric Mc Groary

Pauric McGroary
Agronomist

22-171-0005

Report Number:

Client Project Description: Lime Montgomery County

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
58287	Derwood Demo Vegetable	Solids		06/20/2022	6010D	WP MTN
58288	Derwood Demo Childeren's Vegetable	Solids		06/20/2022	6010D	WP MTN
58289	Blueberry small fruit garden	Solids		06/20/2022	6010D	WP MTN
58290	Blackberry small fruit garden	Solids		06/20/2022	6010D	WP MTN
58291	USO Occupational Therapy Garden	Solids		06/20/2022	6010D	WP MTN
58292	USO Physical Therapy Garden	Solids		06/20/2022	6010D	WP MTN
58293	USO Shade	Solids		06/20/2022	6010D	WP MTN
58294	USO Rear Sunny	Solids		06/20/2022	6010D	WP MTN
58295	USO Front Flower	Solids		06/20/2022	6010D	WP MTN
58296	Beall- Dawson, North	Solids		06/20/2022	6010D	WP MTN
58297	Beall- Dawson, South	Solids		06/20/2022	6010D	WP MTN
58298	Beall- Dawson, Doctor's Garden	Solids		06/20/2022	6010D	WP MTN



14505
UME Montgomery
County

18410 Muncaster Rd Derwood , MD

20855

7621 Whitepine Road, Richmond, VA 23237
Main 804-743-9401 ° Fax 804-271-6446
www.waypointanalytical.com

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Lima Montgomery
County

Information :

Report Date : 06/27/2022 Received :
06/20/2022

REPORT OF ANALYSIS

Report Number : **22-171-0005**

Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58287**

Matrix: **Solids**

Sample ID : **Derwood Demo Vegetable**

Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Lead	24.6 0.300	mg/Kg	1 06/23/22 15:11	TJS			6010D



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REPORT OF ANALYSIS

Report Number : **22-171-0005**

Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58288**

Matrix: **Solids**

Sample ID : **Derwood Demo Childeren's Vegetable**

Sampled:

Lead	36.2 0.300	mg/Kg	1 06/23/22 15:16	TJS	6010D
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REPORT OF ANALYSIS

Report Number : **22-171-0005**

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Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58289**

Matrix: **Solids**

Sample ID : **Blueberry small fruit garden**

Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Lead	28.0 0.300	mg/Kg	1	06/23/22 15:22	TJS		6010D



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Report Number : **22-171-0005**

Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58290**

Matrix: **Solids**

Sample ID : **Blackberry small fruit garden**

Sampled:

Lead	19.5 0.300	mg/Kg	1 06/23/22 15:27	TJS	6010D
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Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58291**

Matrix: **Solids**

Sample ID : **USO Occupational Therapy Garden**

Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Lead	14.1 0.300	mg/Kg	1	06/23/22 15:32	TJS		6010D



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Report Number : **22-171-0005**

Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58292**

Sample ID : **USO Physical Therapy Garden**

Matrix: **Solids**

Sampled:

Lead	11.0 0.300	mg/Kg	1 06/23/22 15:38	TJS	6010D
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Report Number : **22-171-0005**

Test Resu

Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58293**

Matrix: **Solids**

Sample ID : **USO Shade**

Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Lead	14.6 1.50	mg/Kg	5	06/24/22 19:39	EAL		6010D



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REPORT OF ANALYSIS

Report Number : **22-171-0005**

Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58294**

Matrix: **Solids**

Sample ID : **USO Rear Sunny**

Sampled:

Lead	15.2	mg/Kg	5 06/24/22 19:45	EAL	6010D
	1.50				



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Report Number : **22-171-0005**

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Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58295**

Matrix: **Solids**

Sample ID : **USO Front Flower**

Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Lead	15.0 1.50	mg/Kg	5	06/24/22 19:50	EAL		6010D



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Report Number : **22-171-0005**

Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58296**

Matrix: **Solids**

Sample ID : **Beall- Dawson, North**

Sampled:

Lead	74.3	mg/Kg	5 06/24/22 19:56	EAL	6010D
	1.50				



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Report Number : **22-171-0005**

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Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58297**

Matrix: **Solids**

Sample ID : **Beall- Dawson, South**

Sampled:

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Lead	106 0.300	mg/Kg	1	06/23/22 16:15	TJS		6010D



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REPORT OF ANALYSIS

Report Number : **22-171-0005**

Pauric Mc Groary Ph.D., CPA Agronomist

Lab No : **58298**

Matrix: **Solids**

Sample ID : **Beall- Dawson, Doctor's Garden**

Sampled:

Lead	98.8 0.300	mg/Kg	1 06/23/22 16:21	TJS	6010D
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Client: UME Montgomery County
Project: Lime Montgomery County
Lab Report Number: 22-171-0005
Date: 6/27/2022

CASE NARRATIVE

Metals Analysis Method

6010D Sample 58293 (USO
Shade) QC Batch No:
L623324/L622900

One or more Internal Standards are outside method acceptance criteria. Re-analysis and/or sample dilutions are required.

Sample 58294 (USO Rear Sunny)
QC Batch No: L623324/L622900

One or more Internal Standards are outside method acceptance criteria. Re-analysis and/or sample dilutions are required.

Sample 58295 (USO Front Flower)
QC Batch No: L623324/L622900

One or more Internal Standards are outside method acceptance criteria. Re-analysis and/or sample dilutions are required.

Sample 58296 (Beall- Dawson, North)
QC Batch No: L623324/L622900

One or more Internal Standards are outside method acceptance criteria. Re-analysis and/or sample dilutions are required.

Sample 81295 (SB-6 (8-11)) QC
Batch No: L623324/L622900

One or more Internal Standards are outside method acceptance criteria. Re-analysis and/or sample dilutions are required.

Sample 81295 (SB-6 (8-11))

Analyte: Lead

QC Batch No: L623618/L622900

The matrix spike and/or the matrix spike duplicate was outside quality control acceptance ranges. A post digestion spike was performed and passed quality control acceptance ranges. No matrix interference is suspected.

Shipment Receipt Form

Customer Number: **14505**

Customer Name: **UME Montgomery County**

Report Number: **22-171-0005**

Shipping Method

☐ Fed Ex UPS



☐ US Postal Client



☐ Lab Courier

<input type="radio"/>
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Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Number of coolers/boxes received	1	
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Not Present
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No <input checked="" type="radio"/> Not Present
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Cooler temperature in compliance?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling	<input type="radio"/> Yes	<input checked="" type="radio"/> No

process had begun.

Water - Sample containers properly preserved	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A

☐ High concentration container (48 hr)

☐ Low concentration EnCore samplers (48 hr)

☐ High concentration pre-weighed (methanol
-14 d)

☐ Low conc pre-weighed vials (Sod Bis
-14 d)

Special precautions or instructions included?

☐

Yes ☒

No

Comments:

Signature:

David Lennon

Date & Time:

06/20/2022
12:19:14

Waypointo

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LIME, Montaomerv County
12-16-19
Lime Montaomerv County

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www.wdyuu111la11a1yu1.,01.1.,u111

Customer/Homeowner Information

Bliiing Information (For Dealer Or Consultant Use Only)

Name

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Sample ID

Lab Number (Lab Use Only)

Name

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Test Desired

Yes;

No Choose Option Below For Fertility Recommendation

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Lawn & Garden:

507 Lawn: New (Before seeding)

563 Lawn: Eluting

Options To Be Grown

700 Flower Beds

340 Vegetable Garden

600 Azaleas

S1M - (suggested for lawn) Organic Matter, Phosphorus, Potassium, Magnesium.			
Calcium, pH, Lime and Fertility Recommendation			
S3M - (suggested for Garden) - The same as our S1M package plus Sodium, Zinc,			
Manganese, Iron, Copper, Sulfur and Boron		• All cool season grass, fescue, blue grass etc. 524 Lawn, Bannuda	
Soil Texture - % Sand, silt, clay and texture classification		Golf Course/Sportsfield:	
Lead - (suggested for lawns and gardens where lead contamination may be suspected)		500 Lawn, Zoysia	520 Green
Arsenic - (suggested for lawns and gardens where arsenic contamination may be suspected)		546 Lawn, Centipede	558 Tee
How To Take A Soil Sample		680 Shrubs	556 Rough
Soil Probe	Auger	Spade	755 Roses
Each sample should represent only one soil type or area-for example, a lawn, vegetable garden or perennial landscaped area. If one area of your yard seems healthy and another has bare or yellow areas, sample healthy and unhealthy areas separately even if both are lawn grasses or flower gardens, etc. For each unique area, take at least ten to twelve sub-samples. Mix these sub-samples together in a clean, plastic bucket. If the bucket has been used to hold fertilizer or other chemicals, wash it thoroughly before using it for soil samples. Take out 2 cups of the soil mixture, put into a Ziploc bag and label your ID with a water-resistant marker on each sample. Completely fill in the information required on this form and mail/ship with a sturdy bag or box. Please give your e-mail address to receive notification on sample arrival and lab report.			552 Fairway 551 Athletic Field
Do not take a soil sample, use a soil-sampling probe, an auger, a spade or shovel. If a			
Please enclose proper payment or a charge account number.			

Account #