



**BROOKSIDE LABORATORIES, INC.**  
GEOTECHNICAL DIVISION  
200 WHITE MOUNTAIN DRIVE  
NEW BREMEN, OH 45869

**\*\* PHYSICAL ANALYSIS REPORT \*\***

Brightview Golf Maintenance  
Glendora, CA

File Number: 87359

Date Received/Started : 2/10/2023  
Date Completed/Reported: 2/16/2023  
Date Issued: 2/16/2023

Submitted By: Soil and Water Consulting

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Lab Number	0014
Sample Description	MERCED G & CC GREEN 5 0-1/2"
Sample Condition	<u>XX</u> Normal      ___ Other (see comments)

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**Method References**

ASTM F1632  
ASTM F1647 - Method A

**D Values**

\*\* D10: 0.18  
\*\* D60: 0.47  
\*\* Coefficient of Uniformity: 2.55

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\*\* NON A2LA ACCREDITED  
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\* These results represent the sample submitted only.*

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Brightview Golf Maintenance  
Glendora, CA

File Number : 87359  
\*\* Date of Analysis \*\*  
Start Date : 2/10/2023  
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Lab Number 0014  
Sample Description MERCED G & CC  
GREEN 5  
0-1/2"

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### Particle Size Analysis

Clay <.002mm	%	0.50
Silt .002mm - .05mm	%	5.10
Sand .05mm - 2.00mm	%	93.8
Gravel > 2.0mm	%	0.6

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Org Mat 360 deg C (LOI) 3.59

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### Sand Fractions

Sieve Size		<u>% Retained</u>
#	mm	
10 - 2.0	Fine Gravel	0.6
18 - 1.0	Very Coarse Sand	1.0
35 - .500	Coarse Sand	31.8
60 - .250	Medium Sand	51.6
100 - .150	Fine Sand	7.4
140 - .106	Very Fine Sand	1.3
270 - .053	Very Fine Sand	0.6

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Lab Number	0015
Sample Description	MERCED G & CC GREEN 5 1 1/2"-3
Sample Condition	<u>XX</u> Normal      ___ Other (see comments)

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**Method References**

ASTM F1632  
ASTM F1647 - Method A

**D Values**

\*\* D10: 0.16  
\*\* D60: 0.45  
\*\* Coefficient of Uniformity: 2.77

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Brightview Golf Maintenance  
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Submitted By: Soil and Water Consulting

Lab Number 0015  
Sample Description MERCED G & CC  
GREEN 5  
1 1/2"-3

**Particle Size Analysis**

Clay <.002mm	%	0.50
Silt .002mm - .05mm	%	2.80
Sand .05mm - 2.00mm	%	96.2
Gravel > 2.0mm	%	0.5

Org Mat 360 deg C (LOI) 1.55

**Sand Fractions**

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.5
18 - 1.0	Very Coarse Sand	2.8
35 - .500	Coarse Sand	26.9
60 - .250	Medium Sand	45.7
100 - .150	Fine Sand	15.9
140 - .106	Very Fine Sand	3.2
270 - .053	Very Fine Sand	1.7



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Lab Number	0016
Sample Description	MERCED G & CC GREEN 5 1/2"-1 1
Sample Condition	<u>XX</u> Normal      ___ Other (see comments)

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**Method References**

ASTM F1632  
ASTM F1647 - Method A

**D Values**

\*\* D10: 0.16  
\*\* D60: 0.59  
\*\* Coefficient of Uniformity: 3.78

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Brightview Golf Maintenance  
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Start Date : 2/10/2023  
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Submitted By: Soil and Water Consulting

Lab Number 0016  
Sample Description MERCED G & CC  
GREEN 5  
1/2"-1 1

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### Particle Size Analysis

Clay <.002mm	%	0.50
Silt .002mm - .05mm	%	5.80
Sand .05mm - 2.00mm	%	93.3
Gravel > 2.0mm	%	0.4

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Org Mat 360 deg C (LOI) 2.39

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### Sand Fractions

Sieve Size		% Retained
#	mm	
10 - 2.0	Fine Gravel	0.4
18 - 1.0	Very Coarse Sand	1.7
35 - .500	Coarse Sand	46.2
60 - .250	Medium Sand	32.6
100 - .150	Fine Sand	9.7
140 - .106	Very Fine Sand	2.7
270 - .053	Very Fine Sand	0.4

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