

Board Office Use: Legislative File Info.	
File ID Number	15-1639
Introduction Date	9/24/15
Enactment Number	15-1443
Enactment Date	9/24/15



OAKLAND UNIFIED
SCHOOL DISTRICT
Community Schools, Thriving Students

Memo

To Board of Education

From Antwan Wilson, Superintendent and Secretary, Board of Education
By: Vernon Hal, Senior Business Officer *VEH*
Lance Jackson, Interim Deputy Chief, Facilities Planning and Management

Board Meeting Date September 9, 2015

Subject Authorizing and Approving the Project Budget Increase for the Parker Elementary School Turf Replacement Project in the amount of \$153,993.00 increasing the current amount of \$1,100,000.00 to \$1,253,993.00

Action Requested Approval by the Board of Education of Resolution No. 1516-0045- Authorizing and approving the Project Budget Increase for the Parker Elementary School Turf Replacement Project in the amount of \$153,993.00 increasing the current amount of \$1,100,000.00 to \$1,253,993.00.

Background A decision was made that the existing condemned CDC portables adjacent to the field are to be demolished as part of this project. This budget increase covers the cost associated with adding this scope of work.

Recommendation Approval by the Board of Education of Resolution No. 1516-0045- Authorizing and approving the Project Budget Increase for the Parker Elementary School Turf Replacement Project in the amount of \$153,993.00 increasing the current amount of \$1,100,000.00 to \$1,253,993.00.

Fiscal Impact The funding source for this project budget is Measure J

Attachments Resolution No. 1516-0045- Authorizing and approving the Project Budget Increase for the Parker Elementary School Turf Replacement Project in the amount of \$153,993.00 increasing the current amount of \$1,100,000.00 to \$1,253,993.00.

<u>Project Name</u>	<u>Measure</u>	<u>Project Number</u>	<u>Project Budget</u>	<u>Project Budget Increase</u>	<u>Total Project Budget</u>
Parker Elementary School Turf Replacement Project	Measure J	13195	\$1,100,000.00	\$153,993.00	\$1,253,993.00



**RESOLUTION OF THE
BOARD OF EDUCATION
OF THE OAKLAND UNIFIED SCHOOL DISTRICT**

RESOLUTION NO. 1516-0045

**AUTHORIZING AND APPROVING THE PROJECT BUDGET INCREASE FOR
PARKER ELEMENTARY SCHOOL TURF REPLACEMENT PROJECT**

WHEREAS, in keeping with the Oakland Unified School District's commitment to the improvement and development of its K-12 facilities, District staff has prepared the listed New Project Budget with an attached detailed explanation of the budget component costs; and

WHEREAS, this project scope is whereas a decision was made that the existing condemned CDC portables adjacent to the field are to be demolished as part of this project. The budget increase covers the cost associated with adding this scope of work.

WHEREAS, the following table represents the Project Budget Increase for this project, which incorporates all project costs and fees per the attached Board Budget Breakdown to this Resolution, which provides a detailed summary of the costs comprising the Project Budget Increase:

<u>Project Name</u>	<u>Measure</u>	<u>Project Number</u>	<u>Project Budget</u>	<u>Project Budget Increase</u>	<u>Total Project Budget</u>
Parker Elementary School Turf Replacement Project	Measure J	13195	\$1,100,000.00	\$153,993.00	\$1,253,993.00



**RESOLUTION OF THE
BOARD OF EDUCATION
OF THE OAKLAND UNIFIED SCHOOL DISTRICT**

RESOLUTION NO. 1516-0045

**AUTHORIZING AND APPROVING THE PROJECT BUDGET INCREASE FOR
PARKER ELEMENTARY SCHOOL TURF REPLACEMENT PROJECT**

Page 2

NOW, THEREFORE, BE IT RESOLVED, that the Project Budget Increase for the Parker Elementary School Turf Replacement Project in the amount stated herein for the purpose listed are hereby approved.

Passed by the following vote:

AYES: Nina Senn, Aimee Eng, Jumoke Hinton Hodge, Vice President Jody London, President James Harris

NOES: None

ABSTAINED: Shanthi Gonzales

ABSENT: Roseann Torres

I hereby certify that the foregoing is a full, true and correct copy of a Resolution adopted, at a Regular Meeting of the Governing Board of the Oakland Unified School District held on September 9, 2015.

Antwan Wilson, Superintendent and
Secretary, Board of Education

**OAKLAND UNIFIED SCHOOL DISTRICT
FACILITIES PLANNING AND MANAGEMENT DEVELOPMENT**

BUDGET INCREASE AUTHORIZATION FORM

FORM INITIATION DATE: July 27, 2015
PROJECT NAME: Parker Elementary School
PROJECT TYPE: Turf Replacement
FUNDING SOURCE: Measure J
PROJECT NUMBER: 13195
SITE NUMBER: 144
PROJECT MANAGER: Wil Newby

REASON FOR BUDGET INCREASE:

A decision was made that the existing condemned CDC portables adjacent to the field are to be demolished as part of this project. This budget increase covers the cost associated with adding this scope of work.

INITIAL PROJECT BUDGETS:

(For Accounting Use Only)		BUDGET	
BUDGET KEY CODE	OBJECT CODE:	DESCRIPTION	AMOUNT
<u>1449905892</u>	6271	Construction	\$153,993.00
Subtotal			\$ 153,993.00

Original Budget \$ 1,100,000.00
Budget Increase (# 1) \$ 153,993.00
Revised Budget Amount \$ 1,253,993.00

AUTHORIZED SIGNATURES:


DIRECTOR OF FACILITIES

7/28/15
DATE


INTERIM DEPUTY CHIEF

7/30/15
DATE

BOARD APPROVAL:

CONTRACT ADMINISTRATOR

DATE

CC CONTRACT ADMINISTRATION
ACCOUNTING
SGI

FOR SUBMITTAL TO BOARD
FOR BUDGET LOADING
FOR INPUT INTO PROJECT TOOL

AUG 3 2015 AM 8:31

1
2 7



Option C:

Notes:

Amphitheater - Area to be used for outdoor assembly, classes and daily line up. Lines to be expanded for three new grades. Back wall of structure available for murals and/or mosaics.

Track - Shall be approximately 10' wide AC paving with option to paint. It should accommodate walking and running as well as fitness testing. Path shall be lined with shade trees.

Play Field - Multi-use play field to be artificial turf and accessible to all grades. Field shall accommodate football, soccer, softball and kickball.

Basketball Courts - Relocate courts as shown with new striping and goals.

Existing Play Structure - to remain.

Existing fire hydrants - Truck access to these standby hydrants should be maintained.

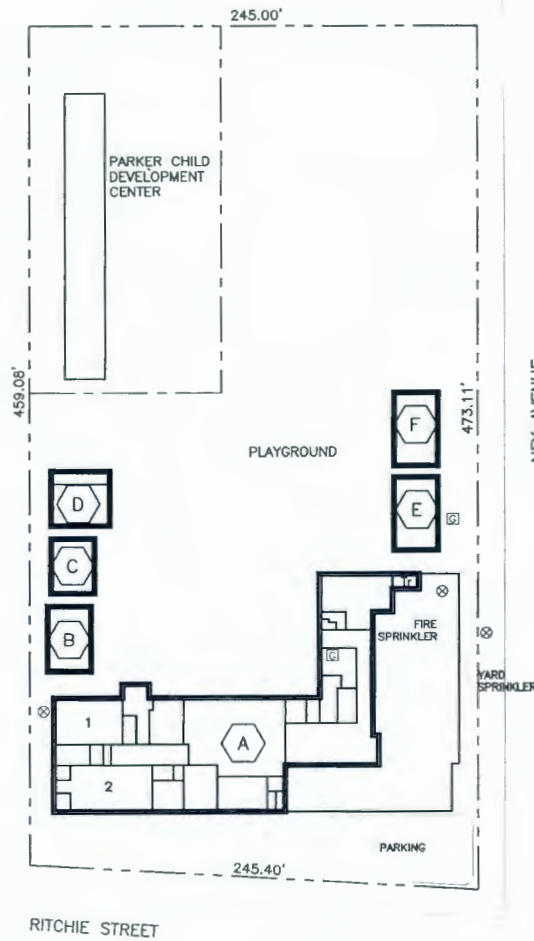
NOT TO SCALE

PARKER K-8 SCHOOLYARD IMPROVEMENT PLAN OAKLAND UNIFIED SCHOOL DISTRICT



MACARTHUR BOULEVARD

PARKER AVENUE



46 SMITH ALLEY, SUITE 200
PASADENA, CALIFORNIA 91103
626-356-4080
626-356-3080 F
www.architecture4e.com

ARCHITECTURE FOR EDUCATION INCORPORATED

OAKLAND UNIFIED SCHOOL DISTRICT

SCHOOL CAMPUS SITE PLANS

PARKER ELEMENTARY SCHOOL

7929 NEY AVENUE
OAKLAND, CA 94605-3311

DATE: 05/09/05

JOB NUMBER: A-0303-01-1

SCALE: 1" = 100'-0"

SHEET: 5

**OAKLAND UNIFIED SCHOOL DISTRICT
FACILITIES PLANNING AND MANAGEMENT DEVELOPMENT**

NEW PROJECT AUTHORIZATION FORM

FORM INITIATION DATE: October 3, 2014
PROJECT NAME: Parker Elementary School
PROJECT TYPE: Turf Replacement
FUNDING SOURCE: Measure J
PROJECT NUMBER: 13195
SITE NUMBER: 144
PROJECT MANAGER: Wil Newby

DETAILED PROJECT DESCRIPTION:

Scope of work includes: Amphitheater outdoor assembly area. A/C walking path.
Multi-use synthetic turf playfield. Relocation of basketball courts with new striping
Existing play structure to remain.

INITIAL PROJECT BUDGETS:

(For Accounting Use Only)		BUDGET		
BUDGET KEY CODE	OBJECT CODE:	DESCRIPTION	AMOUNT	
<u>1449905892</u>	6215	A/E costs	\$	82,500.00
	6262	Other planning costs	\$	192,500.00
	6271	Main construction	\$	750,000.00
	6299	Contingency	\$	75,000.00
TOTAL INITIAL BUDGET:			\$	1,100,000.00

AUTHORIZED SIGNATURES:


DIRECTOR OF FACILITIES

10/20/14
DATE


ASSISTANT SUPERINTENDENT

10/20/14
DATE

BOARD APPROVAL:

CONTRACT ADMINISTRATOR

DATE

CC CONTRACT ADMINISTRATION FOR SUBMITTAL TO BOARD
ACCOUNTING FOR BUDGET LOADING
SGI FOR INPUT INTO PROJECT TOOL

FACILITIES PLANNING & MGMT
ACCOUNTING DEPARTMENT

NOV 3 2014 PM 2:34

CONSTRUCTION PROJECT SUMMARY

SCHOOL:	PARKER ES PORTABLE DEMOLITION		
EST. TYPE:	ORDER OF MAGNITUDE	DATE:	7/7/2015
OWNER:	OAKLAND UNIFIED SCHOOL DISTRICT	ESTIMATORS/FIRM:	EEV
		DURATION (MONTHS):	

ESTIMATE ITEMS	ITEM NO.	SHEET NAME	ITEM DESCRIPTION	NO.	COST PER EACH	TOTAL CONSTRUCTION COST
	A-1	OPTION #1	DEMOLISH EXISTING PORTABLES AT PARKER ELEMENTARY SCHOOL	4	\$38,498	\$ 153,993
▲ TOTAL PROBABLE BID DAY CONSTRUCTION COST:					\$ 153,993	
Exclusions:						
1. Construction Contingency						
2. Soft Costs						
3. Overtime Works						

ESTIMATE DETAIL

PROJECT:	BELLA VISTA PORTABLE DEMOLITION		DATE:	7/7/2015
EST. TYPE:	ORDER OF MAGNITUDE		ESTIMATOR:	EEV
ITEM NO.:	A-1		SCHEDULE:	
ITEM NAME & DESC.:	DEMO	DEMOLISH EXISTING PORTABLES AT PARKER ELEMENTARY SCHOOL	No. of Portables	4

CSI DIVISION	DESCRIPTION	QUANTITY		UNIT COST	TOTAL AMOUNT
		AMOUNT	UNIT		
01 00 00	GENERAL CONDITIONS/GENERAL REQUIREMENTS	\$/SF:		\$ 3,050.00	\$ 12,200
02 00 00	EXISTING CONDITIONS	\$/SF:		\$ 18,145.00	\$ 72,580
31 00 00	EARTHWORK	\$/SF:		\$ -	\$ -
32 00 00	EXTERIOR IMPROVEMENTS	\$/SF:		\$ 6,240.00	\$ 24,960
33 00 00	UTILITIES	\$/SF:		\$ 625.00	\$ 2,500
SUBTOTAL					\$ 112,240
MARKET CONDITIONS : (PLA/CHPS PREMIUM)				0.00%	\$ -
BONDS & INSURANCE:				2.00%	\$ 2,245
CENTRAL OFFICE OVERHEAD				6.00%	\$ 6,734
PROFIT:				4.00%	\$ 4,490
SUBTOTAL					\$ 125,709
ESTIMATING/DESIGN CONTINGENCY				20.00%	\$ 25,142
ESCALATION: 5% /year @ 6 mos. to mid-point of const.				2.50%	\$ 3,143
TOTAL PROBABLE BID DAY CONSTRUCTION COST - SITE WORK					\$ 153,993
				TOTAL \$/EA:	\$ 38,498

010000	GENERAL CONDITIONS/GENERAL REQUIREMENTS			
013000	Contract Administration			
	General Conditions/General Requirements	10%		\$ 112,000.00 \$ 11,200
015000	Temporary Facilities and Controls			
	Miscellaneous protection	1	LS	\$ 1,000.00 \$ 1,000
010000	GENERAL CONDITIONS/GENERAL REQUIREMENTS			
		\$/SF:		\$ 3,050.00 \$ 12,200

020000	EXISTING CONDITIONS			
024000	Demolition & Structure Moving			
	Demolish Existing Portable, (24'x40')	4	EA	\$ 6,000.00 \$ 24,000
	Survey Utilities	8	HRS	\$ 100.00 \$ 800
	Remove Instrusion Alarm	8	HRS	\$ 100.00 \$ 800
	Remove Fire alarm	8	HRS	\$ 100.00 \$ 800
	Remove paving @ building footprint/dispose & grading	3,840	SF	\$ 2.00 \$ 7,680
	Miscellaneous demolition	1	LS	\$ 2,500.00 \$ 2,500
025000	Site Remediation			
	Hazmat abatement, (24'x40')	4	EA	\$ 7,000.00 \$ 28,000
	Mold Abatement	4	EA	\$ 2,000.00 \$ 8,000
				\$ -
020000	EXISTING CONDITIONS			
		\$/SF:		\$ 18,145.00 \$ 72,580

310000	EARTHWORK			
312000	Earth Moving			
	Not used	0	SF	\$ - \$ -
310000	EARTHWORK			
		\$/SF:		\$ - \$ -

320000	EXTERIOR IMPROVEMENTS			
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ESTIMATE DETAIL

PROJECT:	BELLA VISTA PORTABLE DEMOLITION		DATE:	7/7/2015
EST. TYPE:	ORDER OF MAGNITUDE		ESTIMATOR:	EEV
ITEM NO.:	A-1		SCHEDULE:	
ITEM NAME & DESC.:	DEMO	DEMOLISH EXISTING PORTABLES AT PARKER ELEMENTARY SCHOOL	No. of Portables	4

CSI DIVISION	DESCRIPTION	QUANTITY		UNIT COST	TOTAL AMOUNT
		AMOUNT	UNIT		
321000	Bases, Ballasts and Paving				
	Subgrade Modifications				
	Subgrade Preparation	3,840	SF	\$ 2.00	\$ 7,680
	Aggregate Base Courses				
	Aggregate Base, 2" thick	3,840	SF	\$ 1.00	\$ 3,840
321200	Flexible Paving				
	Asphalt Paving				
	Asphalt Paving, 3"	3,840	SF	\$ 3.50	\$ 13,440
					\$ -
320000	EXTERIOR IMPROVEMENTS	\$ /SF:		\$ 6,240.00	\$ 24,960

330000	UTILITIES				
334000	Storm Drainage/Water/Sewage Utilities				\$ -
	Cap existing utilities	1	LS	\$ 2,500.00	\$ 2,500
330000	UTILITIES	\$ /SF:		\$ 625.00	\$ 2,500



William Newby <william.newby@ousd.k12.ca.us>

Re: Parker ES CDC, environmental studies

1 message

Rebecca Cingolani <rebecca.cingolani@ousd.k12.ca.us>

Tue, May 26, 2015 at 8:26 AM

To: William Newby <william.newby@ousd.k12.ca.us>

Cc: David Colbert <david.colbert2@ousd.k12.ca.us>

Hi Will -

Here is the lab data for those portables. I had taken some pictures but I deleted them unfortunately. I gave David a verbal report but can write something for you if you need. The lab reports aren't alarming, but the condition of the portables are. They smell of cat urine, they back of the portables area missing large areas, they are rotted, etc. I looked at it with Steve and Marc from the Carpentry shop and amount of work to get them habitable is more than what they are probably worth. Let me know if you need a written report.

On Thu, May 21, 2015 at 3:37 PM, William Newby <william.newby@ousd.k12.ca.us> wrote:

Rebecca -

I will be working with the site to develop a plan for landscape improvements for the summer of 2016.

Taking down the CDC portables has been mentioned as a possibility for scope inclusion, so I need to ask for any hazmat reports you have on those units.

Thanks in advance for your continued support.

Cheers!

—

Will Newby | PROJECT MANAGER

OAKLAND UNIFIED SCHOOL DISTRICT

955 High Street | OAKLAND | CA 94601

510 532.2802 (O) | 510 535.7040 (F)

william.newby@ousd.k12.ca.us

www.ousd.k12.ca.us

www.thrivingstudents.org

Rebecca Cingolani

Environmental Health & Safety Manager

Risk Management

Oakland Unified School District

955 High Street

Oakland, CA 94601

Environmental Health & Safety



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577
Phone/Fax: (510) 895-3675 / (510) 895-3680
<http://www.EMSL.com> / sanleandrolab@emsl.com

Order ID: 091503912
Customer ID: OUSD34
Customer PO:
Project ID:

Attn: Rebecca Cingolani
Oakland Unified School District
955 High Street
Oakland, CA 94601

Phone: (510) 535-2750
Fax: (510) 535-2751
Collected: 03/20/2015
Received: 03/20/2015
Analyzed: 03/21/2015

Proj: PARKER

Test Report: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number:	091503912-0001			091503912-0002			091503912-0003		
Client Sample ID:	PARKER-032015-ST-1			PARKER-032015-ST-2			PARKER-032015-ST-3		
Volume (L):	75			75			75		
Sample Location:	PORT C-AT FRONT			PORT C-AT BACK			PORT D- AT BACK		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	1	40	12.5	-	-	-
Aspergillus/Penicillium	-	-	-	-	-	-	-	-	-
Basidiospores	15	630	100	4	200	62.5	1	40	33.3
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	2	80	25	2	80	66.7
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	15	630	100	7	320	100	3	120	100
Hypheal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	1*	10*	-
Analyt. Sensitivity 600x	-	42	-	-	42	-	-	42	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	2	-
Background (1-5)	-	3	-	-	3	-	-	4	-

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

No discernable field blank was submitted with this group of samples.

Israel Gutierrez, Micro Lab Manager
or Other Approved Signatory

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "*" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA AIHA-LAP, LLC-EMLAP Lab 101748

Initial report from: 03/21/2015 10:11:03

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com



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464 McCormick Street San Leandro, CA 94577
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Order ID: 091503912
Customer ID: OUSD34
Customer PO:
Project ID:

Attn: Rebecca Cingolani
Oakland Unified School District
955 High Street
Oakland, CA 94601

Phone: (510) 535-2750
Fax: (510) 535-2751
Collected: 03/20/2015
Received: 03/20/2015
Analyzed: 03/21/2015

Proj: PARKER

Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number:	091503912-0004			091503912-0005			091503912-0006		
Client Sample ID:	PARKER-032015-ST-4			PARKER-032015-ST-5			PARKER-032015-ST-6		
Volume (L):	75			75			75		
Sample Location:	PORT D-AT FRONT			PORT B-AT BACK			PORT B-AT FRONT		
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium	-	-	-	-	-	-	-	-	-
Basidiospores	4	200	83.3	3	100	25	6	300	60
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	1	40	16.7	7	300	75	4	200	40
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	5	240	100	10	400	100	10	500	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	42	-	-	42	-	-	42	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	3	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	4	-	-	3	-	-	3	-

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

No discernable field blank was submitted with this group of samples.

Israel Gutierrez, Micro Lab Manager
or Other Approved Signatory

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "*" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA AIHA-LAP, LLC-EMLAP Lab 101748

Initial report from: 03/21/2015 10:11:03

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Phone: (510) 535-2750
Fax: (510) 535-2751
Collected: 03/20/2015
Received: 03/20/2015
Analyzed: 03/21/2015

Proj: PARKER

Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number:	091503912-0007		
Client Sample ID:	PARKER-032015-ST-7		
Volume (L):	75		
Sample Location:	OUTSIDE		
Spore Types	Raw Count	Count/m ³	% of Total
Alternaria	-	-	-
Ascospores	1	40	2.2
Aspergillus/Penicillium	-	-	-
Basidiospores	28	1200	65.9
Bipolaris++	-	-	-
Chaetomium	-	-	-
Cladosporium	11	460	25.3
Curvularia	-	-	-
Epicoccum	-	-	-
Fusarium	-	-	-
Ganoderma	2	80	4.4
Myxomycetes++	1	40	2.2
Pithomyces	-	-	-
Rust	-	-	-
Scopulariopsis	-	-	-
Stachybotrys	-	-	-
Torula	-	-	-
Ulocladium	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
Total Fungi	43	1820	100
Hyphal Fragment	-	-	-
Insect Fragment	-	-	-
Pollen	-	-	-
Analyt. Sensitivity 600x	-	42	-
Analyt. Sensitivity 300x	-	13*	-
Skin Fragments (1-4)	-	1	-
Fibrous Particulate (1-4)	-	1	-
Background (1-5)	-	3	-

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

No discernable field blank was submitted with this group of samples.

Israel Gutierrez, Micro Lab Manager
or Other Approved Signatory

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "*" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA AIHA-LAP, LLC--EMLAP Lab 101748

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For Information on the fungi listed in this report please visit the Resources section at www.emsl.com