



Engineering +  
Environmental

January 18, 2017

Courtney Wilton  
Portland Public Schools  
501 North Dixon  
Portland, OR 97227

Via email: [cwilton@pps.net](mailto:cwilton@pps.net)

Regarding: Lead Paint Condition Assessment  
Chief Joseph Elementary School  
2409 N Saratoga Street  
Portland, Oregon 97217  
PBS Project: 6500.721 Phase 0014

Dear Mr. Wilton:

On January 4, 2017, PBS Engineering and Environmental Inc. conducted a visual inspection and assessment of painted and varnished surfaces on the interior and exterior of Chief Joseph Elementary School located at 2409 N Saratoga Street in Portland, Oregon.

PBS assessed painted and varnished interior and exterior hard surfaces as well as concrete, asphalt, soil, garden spaces, playground equipment, and windowsills adjacent or in close proximity to deteriorated painted or varnished surfaces.

Paint and varnish conditions were assessed using US Department of Housing and Urban Development (HUD) guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing (2012 Addition) Chapter 5: Risk Assessment and Reevaluation.

It is assumed that all paint and varnish at the school contain some concentration of lead. The purpose of this investigation is to identify those finishes in deteriorated condition.

## **FINDINGS**

Overall, the building's painted and varnished surfaces were found to be in intact condition with areas of fair and deteriorated conditions. A table listing the locations and quantity of surfaces in deteriorated condition is attached to this report.

The school's garden spaces did not reveal anything of note.

Windows are metal push-out on the building's eastern side and wood push-out with metal hardware on the western side. No paint chips were visible in applicable window troughs inspected.

Paint chips were noted on concrete/asphalt on the exterior of the library's southwest corner and the exterior of portable 1.

4412 SW Corbett Avenue, Portland, OR 97239  
503.248.1939 Main  
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[www.pbsenv.com](http://www.pbsenv.com)

Painted playground and parking lot striping and curbing often contain lead and are generally in deteriorated condition due to weatherization and traffic. PBS did not assess this paint, but recommends restriping, as needed, to maintain in intact condition.

### **RECOMMENDATIONS**

PBS recommends that all painted or varnished surfaces in deteriorated condition noted on the attached table be stabilized. Paint chips on concrete/asphalt outside the library and portable 1 should be removed.

Please feel free to contact me at 503 417 7691 or [clark@pbsenv.com](mailto:clark@pbsenv.com) with any questions or comments.

Sincerely,  
PBS Engineering and Environmental Inc.



Clark Nelson, CIH  
Senior Project Manager

Attachments:   Condition Assessment of Deteriorated Paint/Varnish Table  
                      Field Drawing of Deteriorated Paint and Varnish Locations  
                      Lead-based Paint Risk Assessor Certification (Clark Nelson)  
                      Lead-based Paint Activities Firm Certification (PBS Engineering and Environmental)

CN:DM:bmp

**Chief Joseph Elementary School  
Assessment of Paint/Varnish in Deteriorated Condition**

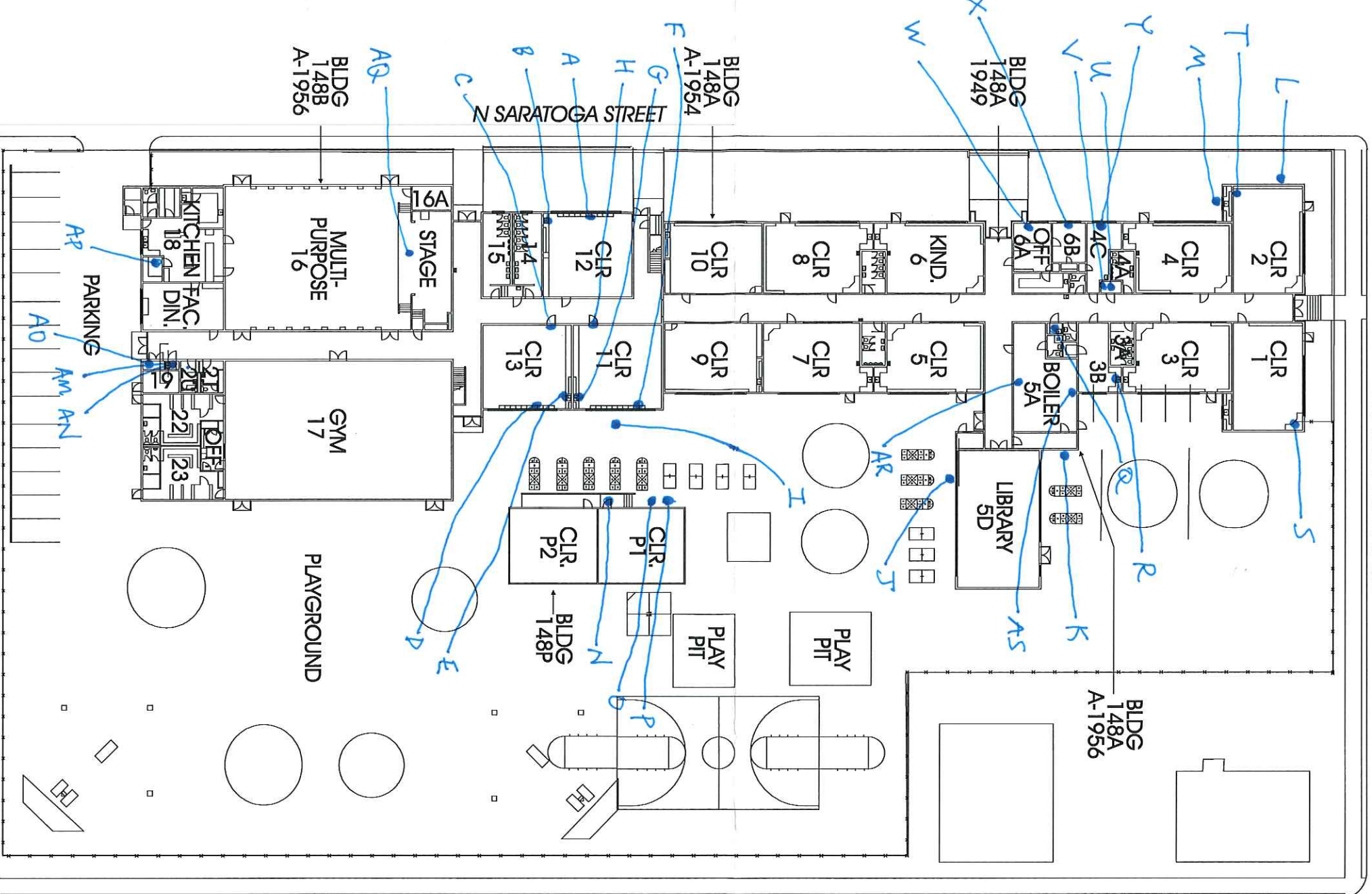
ID	Interior / Exterior	Location	Structure	Above / Below five feet	K-2nd Grade	Substrate	Quantity
A	Interior	Classroom 12	Windowsills	Below	Yes	Wood	30
B	Interior	Classroom 12	Built-in cabinets under sink	Below	Yes	Wood	30
C	Interior	Classroom 13	Door and frame	Above and below	Yes	Wood	60
D	Interior	Classroom 13	Windowsills	Below	Yes	Wood	30
E	Interior	Classroom 13	Built-in cabinets above and below sink	Above and below	Yes	Wood	50
F	Interior	Classroom 11	Windowsills	Below	Yes	Wood	30
G	Interior	Classroom 11	Built-in cabinet under sink	Below	Yes	Wood	30
H	Interior	Classroom 11	Doorframe	Above and below	Yes	Wood	15
I	Exterior	Classroom 11	Bike racks	Below	No	Metal	45
J	Exterior	East side of library	Underside of roof overhang	Above	No	Wood	100
K	Exterior	Southwest corner of library	Paint chips on ground	Below	No	N/A	20
L	Exterior	South wall of classroom 2	Wall	Above and below	No	Plaster	50
M	Exterior	Southeast wall of classroom 2	Windowsills	Below	No	Wood	5
N	Exterior	Portable 1	Doorframe	Above and below	No	Wood	15
O	Exterior	South side of portable 1	Wall	Below	No	Wood	20
P	Exterior	South side of portable 1	Paint chips on ground	Below	No	N/A	1
Q	Interior	Custodial closet east of 3B	Wall	Above and below	No	Plaster	150
R	Interior	Staff workroom 3B	Trim around sink	Below	No	Wood	6
S	Interior	Classroom 1	Wall-northwest corner	Above	No	Plaster	15
T	Interior	Classroom 2	Wall-southeast corner in nook by sink	Above	No	Plaster	20
U	Interior	Storage room next to 4A	West wall	Above and below	No	Plaster	15
V	Interior	Storage room next to 4A	Vertical water pipe	Above and below	No	Metal	20

ID	Interior / Exterior	Location	Structure	Above / Below five feet	K-2nd Grade	Substrate	Quantity
W	Interior	Office 6A	Window frames	Above and below	No	Wood	60
X	Interior	Office 6B	Window frames	Above and below	No	Wood	60
Y	Interior	Office 4C	Window frames	Above and below	No	Wood	30
Z	Interior	Classroom 25	Doorframe	Above and below	No	Wood	15
AA	Interior	Classroom 25	Windowsills	Below	No	Wood	30
AB	Interior	Classroom 25	Built-in cabinets below sink	Below	No	Wood	30
AC	Interior	Classroom 25	Paneling and trim below cupboard	Below	No	Wood	36
AD	Interior	Classroom 26	Windowsills	Below	No	Wood	30
AE	Interior	Classroom 26	Built-in cabinets below sink	Below	No	Wood	20
AF	Interior	Classroom 28	Doorframe	Above and below	No	Wood	15
AG	Interior	Classroom 28	Windowsills	Below	No	Wood	30
AH	Interior	Classroom 28	Built-in cabinets below sink	Below	No	Wood	20
AI	Interior	Classroom 27	Doorframe	Above and below	No	Wood	15
AJ	Interior	Classroom 27	Built-in cabinets below sink	Below	No	Wood	40
AK	Interior	Classroom 27	Windowsills	Below	No	Wood	30
AL	Interior	Classroom 27	Wall above eastern most window	Above	No	Plaster	20
AM	Interior	Custodial next to 20	Wall	Below	No	Plaster	15
AN	Interior	Custodial next to 20	Door and frame	Above and below	No	Wood	60
AO	Interior	Switch board room	Doubles doors and frame	Above and below	No	Wood	105
AP	Interior	Kitchen custodial closet	Walls	Below	No	Plaster	35
AQ	Interior	Cafeteria, stage	Floor	Below	No	Wood	600
AR	Interior	Boiler room	East wall under sink	Below	No	Plaster	25
AS	Interior	Boiler room	West wall behind boilers	Below	No	Plaster	20

**Chief Joseph Elementary School**  
**2409 N Saratoga Street 97217**  
**Facility Plan**

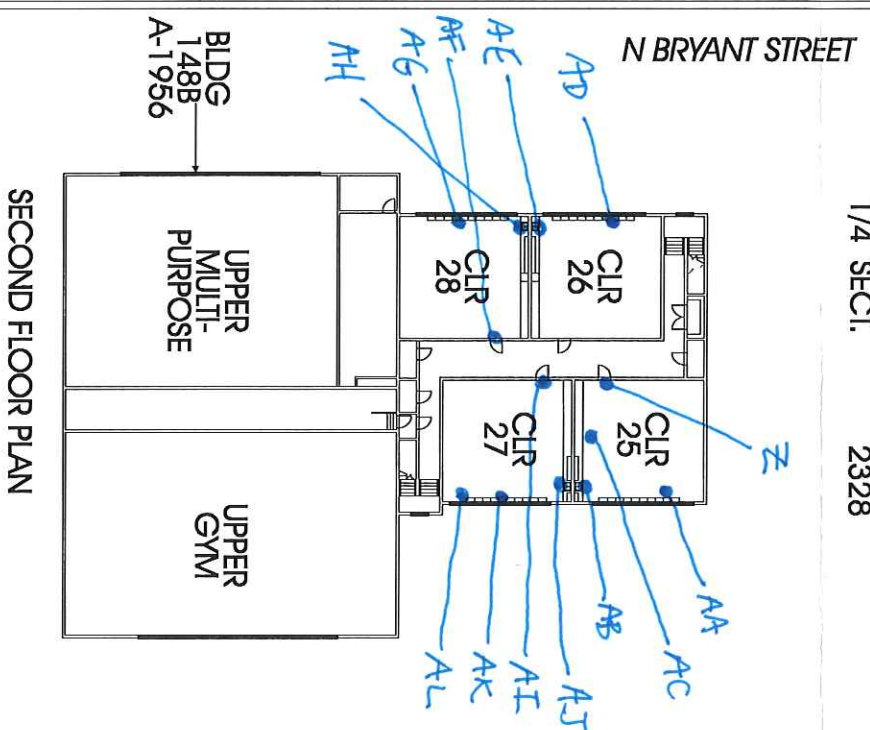


N DELEWARE AVENUE



FIRST FLOOR / SITE PLAN

TOTAL SF 44,412  
 ACRES 2.83  
 1/4 SECT. 2328



SECOND FLOOR PLAN

N BRYANT STREET



June 9, 2016

Clark R. Nelson  
PBS Engineering and Environmental Inc.  
4412 S.W. Corbett Ave  
Portland, OR 97239

800 NE Oregon Street, Suite 640  
Portland, OR 97232  
Phone: (971) 673-0440  
Fax: (971) 673-0457  
TTY Nonvoice: (971) 673-0372

RE: LEAD-BASED PAINT ACTIVITIES, INDIVIDUAL CERTIFICATION NO. 1806--Indv--R

This letter is your official notification that you have met the certification requirements under Oregon Administrative Rule (OAR) 333-069 to conduct lead-based paint activities in Oregon, in the following disciplines: Risk Assessor; Inspector

In addition to certification by the Oregon Health Authority, you are required to be licensed by the Construction Contractors Board (CCB) if you plan to conduct lead-based paint activities in Oregon. This license is different than, and in addition to, the standard contractor license issued by CCB. Both individuals and firms must obtain this license. For more information on CCB lead-based paint licensing, visit their web site at [www.oregon.gov/CCB](http://www.oregon.gov/CCB) or call 503-378-4621.

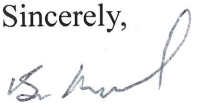
As a certified individual in Oregon, you must meet all the requirements of OAR 333-069, including work practice standards for conducting lead-based paint activities in target housing and child-occupied facilities. As a certified individual, you must perform work under a firm that is certified by the Authority for conducting lead-based paint activities.

You are required to wear the enclosed badge in plain view when conducting lead-based paint activities. Please note that the badge and certificate will expire on 6/30/2017. If you wish to maintain your certification after 6/30/2017, you must submit an application postmarked at least 60 days before expiration and document that your lead-based paint activities training is current.

As a public service the Authority publishes a list of individuals performing lead-based paint activities in Oregon. The list is distributed statewide to consumers interested in lead-based paint activities. Individuals that are certified by the state are eligible to be on this list.

If you have any questions concerning your certification or other aspects of the Lead-Based Paint Program, please contact program staff at 971-673-0440.

Sincerely,

  
Ben Maynard  
Lead-Based Paint Program  
Oregon Health Authority

Enclosures: 1) Badge; 2) Certificate



**Clark R. Nelson**

**Risk Assessor  
Inspector  
Lead-Based Paint  
Activities  
CERTIFICATION  
# 1806--Indv--R  
6/30/2017**

Expires

CERTIFIED

State of Oregon  
Oregon Health Authority

**Clark R. Nelson**

is certified by the Oregon Health Authority to conduct Lead-Based Paint Activities

**Risk Assessor**

Certification Number:	1806--Indv--R
Issuance Date:	6/9/2016
Expiration Date:	6/30/2017



Oregon  
**Health**  
Authority



CLARK RICHARD NELSON  
4412 SW CORBETT AVE  
PORTLAND, OR 97239

**CONSTRUCTION CONTRACTORS BOARD  
LEAD BASED PAINT  
RISK ASSESSOR LICENSE**

EXPIRATION DATE: 6/24/2017

This document certifies that

CLARK RICHARD NELSON  
4412 SW CORBETT AVE  
PORTLAND, OR 97239

is licensed in accordance with Oregon Law as  
a Lead Based Paint Risk Assessor.

**9151806-RA**

**STATE OF OREGON  
CONSTRUCTION CONTRACTORS BOARD  
LEAD BASED PAINT  
RISK ASSESSOR LICENSE**

**LICENSE NUMBER: 9151806-RA**

This document certifies that:

CLARK RICHARD NELSON  
4412 SW CORBETT AVE  
PORTLAND, OR 97239

is licensed in accordance with Oregon Law as a Lead Based Paint Risk Assessor.

**License Details:**

LICENSE NO.: 9151806-RA  
EXPIRATION DATE: 6/24/2017



May 17, 2016

PBS Engineering and Environmental Inc.  
4412 SW Corbett Ave  
Portland, OR 97239

800 NE Oregon Street, Suite 640  
Portland, OR 97232  
Phone: (971) 673-0440  
Fax: (971) 673-0457  
TTY Nonvoice: (971) 673-0372

Attention: Derek May

RE: LEAD-BASED PAINT ACTIVITIES, FIRM CERTIFICATION NO. 1038--LBP FIRM

This letter is your official notification that PBS Engineering and Environmental Inc. has met certification requirements under Oregon Administrative Rules (OAR) 333-069 to conduct lead-based paint activities in Oregon. Please note that the enclosed certificate will expire on 6/30/2017.

In addition to certification by the Oregon Health Authority (Authority), PBS Engineering and Environmental Inc. is required to be licensed by the Construction Contractors Board (CCB) prior to conducting lead-based paint activities in Oregon. This license is different than, and in addition to, the standard contractor license issued by CCB. Both individuals and firms must obtain this license. For more information on CCB lead paint licensing, visit their web site at [www.oregon.gov/CCB](http://www.oregon.gov/CCB) or call 503-378-4621.

As a firm certified to conduct lead-based paint inspection activities in Oregon, PBS Engineering and Environmental Inc. must meet all requirements set forth in OAR 333-069. It must comply with standards for conducting lead-based paint inspection and/or risk assessment activities in target housing and child-occupied facilities and employ only certified individuals to conduct regulated activities.

As a public service, the Authority publishes a list of firms performing lead-based paint activities in Oregon. The list is distributed statewide to consumers interested in lead-based paint services. Only those firms that are certified by the state are eligible to be on this list.

If you have any questions concerning this certification or other aspects of the Lead-Based Paint Program, please contact program staff at (971) 673-0440.

Sincerely,



Ben Maynard  
Lead-Based Paint Program  
Oregon Health Authority

This document can be obtained in an alternate format by calling: (971) 673-0440.

State of Oregon  
Oregon Health Authority

**PBS Engineering and Environmental Inc.**

is certified by the Oregon Health Authority to conduct Lead-Based Paint Activities

Certification Number:	1038--LBP FIRM
Issuance Date:	5/16/2016
Date of Expiration:	6/30/2017



Oregon  
**Health**  
Authority

PBS ENGINEERING & ENVIRONMENTAL INC  
4412 SW CORBETT  
PORTLAND OR 97239

CONSTRUCTION CONTRACTORS BOARD  
LEAD INSPECTION CONTRACTORS LICENSE  
LICENSE No.: LBPI129143  
EXPIRATION DATE: 7/31/2017

This document certifies that

PBS ENGINEERING & ENVIRONMENTAL INC  
4412 SW CORBETT  
PORTLAND OR 97239

is licensed in accordance with Oregon Law as  
a Lead Inspection Contractor.

STATE OF OREGON  
CONSTRUCTION CONTRACTORS BOARD  
LEAD INSPECTION CONTRACTORS LICENSE

LICENSE NUMBER: LBPI129143

This document certifies that:

PBS ENGINEERING & ENVIRONMENTAL INC  
4412 SW CORBETT  
PORTLAND OR 97239

is licensed in accordance with Oregon Law as a Lead Inspection Contractor.

**License Details:**

LBPI LICENSE NO.: LBPI129143  
EXPIRATION DATE: 7/31/2017