

**SCANNED**

Haley & Aldrich, Inc.  
465 Medford St.  
Suite 2200  
Boston, MA 02129-1400

Tel: 617.886.7400  
Fax: 617.886.7600  
HaleyAldrich.com

**HALEY &  
ALDRICH**

27 December 2007  
File No. 10063-066

Massachusetts Department of Environmental Protection  
205B Lowell Street  
Wilmington, Massachusetts 01887

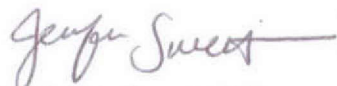
Attention: **Jack Miano**

Subject: **W.R. Grace & Co.-Conn.**  
**62 Whittemore Avenue, One Alewife Center, and**  
**134 Alewife Brook Parkway**  
**Cambridge, Massachusetts**  
**RTNs 3-0277 and 3-3411**

Dear Mr. Miano:

On behalf of W.R. Grace & Co.-Conn., we are submitting the Protective Cover Monitoring Plan (PCMP) Inspection Report No. 15. The Site inspection was completed by Haley & Aldrich on 14 December 2007 in accordance with the PCMP, dated March 2006. Results of the inspection are provided in the attached log report. Please contact the undersigned if you have any questions.

Sincerely yours,  
HALEY & ALDRICH, INC.



Jennifer L. Sweet, P.E.  
Senior Engineer

Enclosures:  
PCMP Inspection Report No. 15

c: PIP Repositories:  
W.R. Grace & Co.-Conn  
Cambridge Main Library  
North Cambridge Library  
Cambridge Health Alliance, Cambridge Public Health Department  
City Manager, City of Cambridge; Attn: Mr. Robert Healy  
Cambridge Public Health Department; Attn: Mr. Sam Lipson

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**RECEIVED**

JAN - 2 2008

DEP

NORTHEAST REGIONAL OFFICE

# PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT

<b>Project</b>	W.R. Grace & Co.	<b>Report No.</b>	15
<b>Location</b>	62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	<b>Date</b>	14 December 2007
<b>Address</b>	Cambridge, Massachusetts	<b>Page</b>	1 of 6
<b>Client</b>	W.R. Grace & Co.	<b>File No.</b>	10063-066
<b>Weather</b>	Sunny	<b>Temperature</b>	35°
<b>Field Rep.</b>	Jennifer Sweet, John Kastrinos, Dave Croce, Maryellen Johns		
<b>LSP</b>	William W. Beck, Jr., LSP		

## 1. Protective Cover Surface Observations:

### Area 1 Conditions:

Yes |  No Is Protective Cover in Area 1 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes |  No Are there bare spots, signs of erosion, or large potholes in pavement? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes |  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: A small area of pavement was patched where signs of wear were noted during last inspection.

### Area 2 Conditions:

Yes |  No Is Protective Cover in Area 2 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes |  No Are there bare spots, signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes |  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

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### Area 3 Conditions:

Yes |  No Is Protective Cover in Area 3 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes |  No Are there bare spots, signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes |  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

### Area 4 Conditions:

Yes |  No Is Protective Cover in Area 4 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes |  No Are there bare spots, signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes |  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

**HALEY  
ALDRICH**

**Letter of Transmittal**

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NORTHEAST REGIONAL OFFICE

Date 2 January 2008  
File No. 10063-066  
From Jennifer Sweet

To Massachusetts Department of Environmental Protection  
205B Lowell Street  
Wilmington, Massachusetts 01887

Attention Mr. Jack Miano

Copy to PIP Repositories:  
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Cambridge Public Health Department; Attn: Sam Lipson  
Alewife Study Group Member; Attn: Lisa Birk  
Alewife Study Group Member; Attn: Joe Joseph  
Alewife Neighbors, Inc. Attn: Mike Nakagawa

Subject W.R. Grace & Co.-Conn.  
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134 Alewife Brook Parkway  
Cambridge, Massachusetts  
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Copies	Date	Description
1	27 December 2007	Protective Cover Monitoring Plan (PCMP) Inspection Report No. 15

Transmitted via  First class mail  Overnight express  Hand delivery  Other

Remarks

For your files.

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### Area 5 Conditions:

Yes  No Is Protective Cover in Area 5 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes  No Are there bare spots, signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

### Area 6 Conditions:

Yes  No Is Protective Cover in Area 6 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes  No Are there bare spots, signs of erosion, or large potholes in pavement? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

## PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT

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### Area 7 Conditions:

Yes  No Is Protective Cover in Area 7 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes  No Are there bare spots or signs of erosion? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: \_\_\_\_\_

### Area 8 Conditions:

Yes  No Is Protective Cover in Area 8 observed to be in same conditions compared to "baseline conditions"? If no, describe change(s) in conditions: \_\_\_\_\_

Yes  No Are there signs of erosion or large potholes in pavement? (If yes, attach photographs and figure showing location and extent): Describe eroded area or areas of potholes: \_\_\_\_\_

Yes  No Is there any Asbestos Containing Material (ACM) observed at the ground surface: \_\_\_\_\_

Other Observations: The small pothole observed during last inspection has been patched/ repaired.  
(see photo Area 8 Pavement Repair)

## PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT

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### 2. Interview with Owner Representative

Name of Owner's Representative interviewed: DAVE CROCE

Any new buildings or structures on the Site? NO

Any changes in use of the existing buildings? NO

Any changes in use of un-built areas? NO

Any evidence of active recreation? NO

Any current activities that would degrade the Protective Cover? NO

Any evidence of property use for cultivation of fruits and vegetables for human consumption? NO

Has there been any emergency utility work conducted since the last inspection? NO

### 3. Maintenance/Repair Actions to be Taken

Yes  No Were changes in the Protective Cover noted during the inspection that require actions to be taken to maintain and/or repair the Cover? If yes, describe: \_\_\_\_\_

### 4. Other Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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**ATTACHMENTS:**

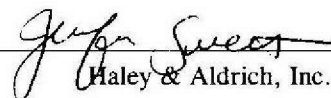
(Check off attachments)

Figure 1: PCMP - Site Orthophoto

Photographs (List and note photo location/orientation on figure)

\_\_\_\_\_

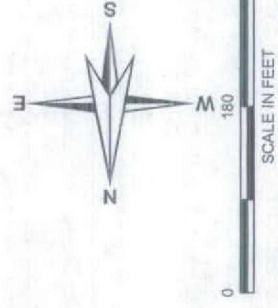
\_\_\_\_\_

  
Haley & Aldrich, Inc.



- LEGEND:**
- INSPECTION PHOTOGRAPHS
  - DIRECTION OF PHOTOGRAPH PHOTO NUMBER
  - EXISTING STRUCTURE
  - AREA OF INTEREST
  - EXISTING WATER BODY
  - APPROXIMATE LIMITS OF AUL

- NOTES:**
1. ALL LOCATIONS, DIMENSIONS AND SITE FEATURES ARE APPROXIMATE.
  2. 1/2 METER RESOLUTION ORTHOPHOTOGRAPHY FLOWN IN 2007 OBTAINED FROM THE OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MAGGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS.

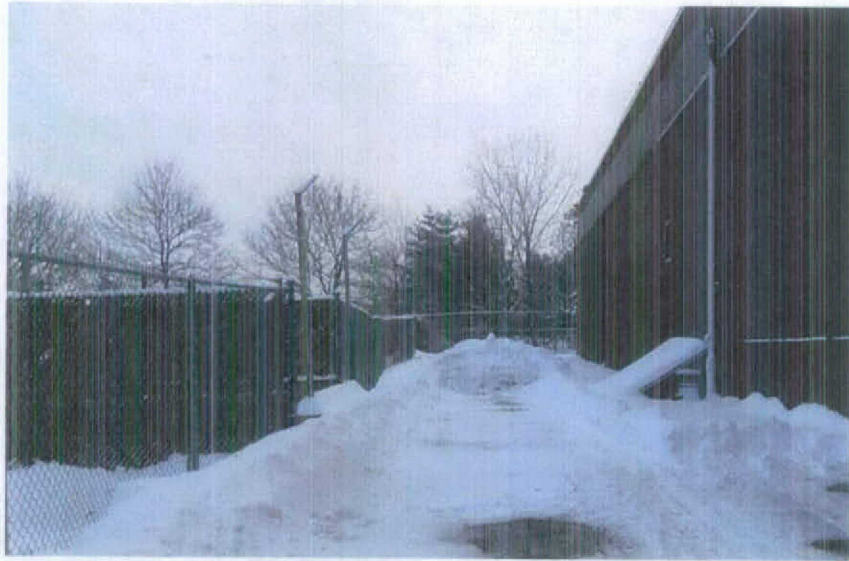


**HALEY & ALDRICH**  
 W.R. GRACE & CO. - CONN.  
 62 WHITTEMORE AVENUE  
 PROTECTIVE COVER MONITORING PLAN  
 CAMBRIDGE, MASSACHUSETTS

**SITE ORTHOPHOTO**

SCALE: AS SHOWN  
 DECEMBER 2007

**FIGURE 1**



*AI-1*



*AI-2*



AI-3



AI-4



*AI-5*



*AI-6*



AI-7



AI-8



A2-1



A2-2



A2-4



A3-1





A3-2



A3-3



A4-1



A4-2



A4-3



A4-4



A5-1



A5-2



A5-3



A7-1



A7-2



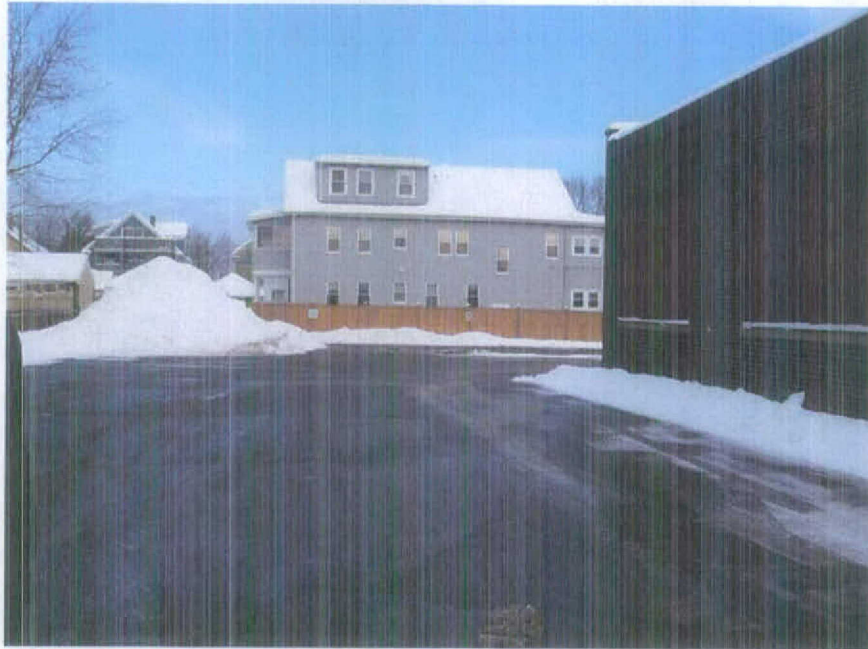
A7-3



A8-1



A8-2



A8-3



A8-4





*Area 8 Pavement Repair*