

**HALEY &  
ALDRICH**

**Letter of Transmittal**

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465 Medford St.  
Suite 2200  
Boston, MA 02129-1400

Tel: 617.886.7400  
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HaleyAldrich.com

SCANNED

Date 15 December 2010  
File No. 10063-066  
From Rosemary McCafferty

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

Attention Mr. Jack Miano

Copy to PIP Repositories:

W.R. Grace & Co.-Conn  
DEP Northeast File Review Office  
Cambridge Main Library  
North Cambridge Library

City Manager, City of Cambridge; Attn: Robert Healy  
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.  
62 Whittemore Avenue, One Alewife Center, and  
134 Alewife Brook Parkway  
Cambridge, Massachusetts  
RTNs 3-0277 and 3-3411

WA

Copies	Date	Description
1	15 December 2010	Protective Cover Monitoring Plan (PCMP) Inspection Report No. 26

Transmitted via  First class mail  Overnight express  Hand delivery  Other

Remarks

For your files.

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\* PLEASE SEE ALSO  
ATN 3-3411  
130 ALEWIFE BROOK PKWY  
CAMBRIDGE \*

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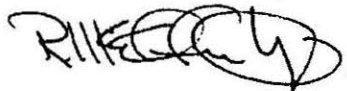
Attention: Jack Miano

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. 26. The Site inspection was completed by Haley & Aldrich on 11 November 2010 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.



Rosemary McCafferty  
Senior Risk Assessor

Enclosures

PCMP Inspection Report No. 26

c: PIP Repositories:

W.R. Grace & Co.-Conn  
Cambridge Main Library  
North Cambridge Library  
Cambridge Health Alliance

City Manager, City of Cambridge; Attn: Mr. Robert Healy  
Cambridge Public Health Department; Attn: Mr. Sam Lipson

GA\10063\PCMP Inspections\No26-Nov2010\2010-1215-PCMP coverletter\_F.doc

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DEC 16 2010  
DEP  
NORTHEAST REGIONAL OFFICE

**PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT**

<b>Project</b>	W.R. Grace & Co.	<b>Report No.</b>	26
<b>Location</b>	62 Whittemore Avenue, One Alewife Center, 134 Alewife Brook Parkway	<b>Date</b>	11 November 2010
<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>	Clear	<b>Temperature</b>	40s°
<b>Field Rep.</b>	John R. Kastrinos, Dave Croce		
<b>LSP</b>	John R. Kastrinos, P.G., 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: Concrete walkways and steps replaced a wooden bridge; no soil disturbed.  
Settlement around catch basin repaired by backfilling with stone (see photograph CB).

**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: \_\_\_\_\_  
 \_\_\_\_\_

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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: \_\_\_\_\_

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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: \_\_\_\_\_

**PROTECTIVE COVER MONITORING PLAN INSPECTION REPORT**

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**2. Interview with Owner Representative**

Name of Owner's Representative interviewed: David 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	<input checked="" type="radio"/> 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:**

Sinkhole need to be monitored for settlement of stone backfill.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**ATTACHMENTS:**       Figure 1: PCMP – Site Orthophoto

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

\_\_\_\_\_

\_\_\_\_\_

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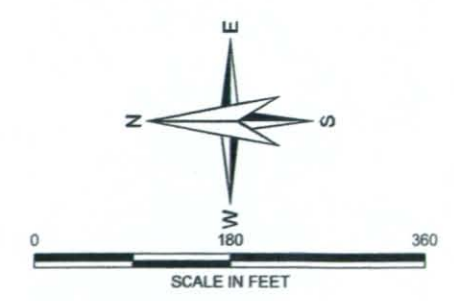
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NORTHEAST REGIONAL OFFICE





- 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 2001 OBTAINED FROM THE OFFICE OF GEOGRAPHIC AND ENVIRONMENTAL INFORMATION (MASSGIS), COMMONWEALTH OF MASSACHUSETTS EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS.



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

**SITE ORTHOPHOTO**

SCALE: AS SHOWN  
 NOVEMBER 2010

**FIGURE 1**

G:\110063\GIS\ArchMAP Documents\110063-HA-002-INSIP PHOTOS.mxd



AI-1



AI-2



*AI-3*



*AI-4*



*AI-5*



*AI-6*



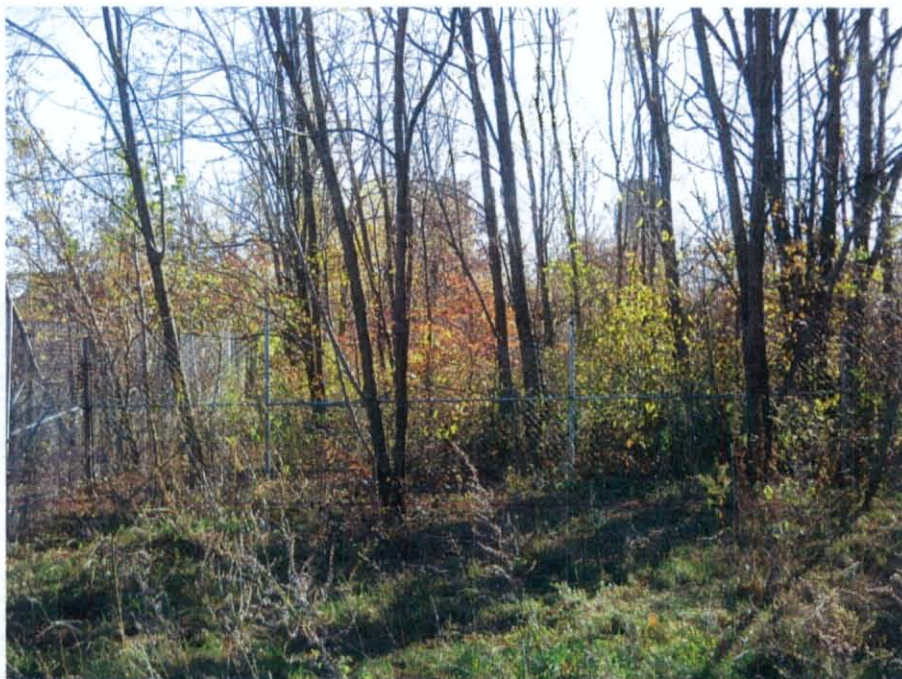
A2-1



A2-2



A2-3



A2-4



A3-1



A3-2



A3-3



A4-2





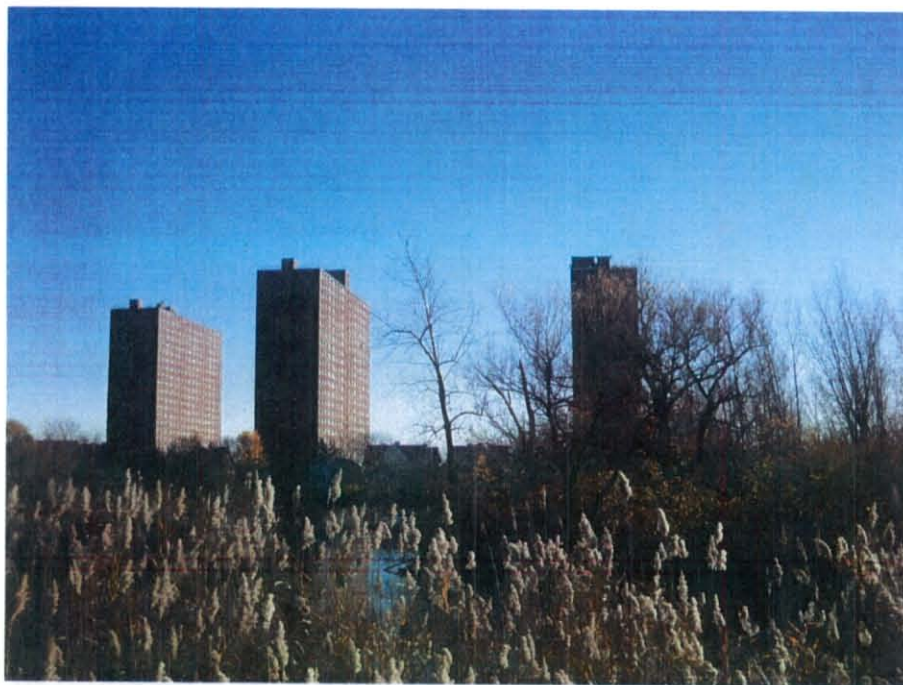
A4-3



A4-4



A4-5



A5-1



A7-1



A7-2



A7-3



A8-1



A8-4



CB